ALCO POWER REV. GEAR - ENGS. 15495-15514

1200

LIMA LOCOMOTIVE WORKS
INCORPORATED

LIMA, OHIO, U. S. A.

Direct Locomotive
MATERIAL BOOK

CLASS 2-10-0 TYPE DEPT. ENGINEERING

THE REPUBLIC OF POLAND

ORDER NUMBER	SHOP NUMBERS	DATE	DRAFTSMAN
1200	9267-9286	12-10-46	T.C. BODELL
ENGINES - CLASS TY-246	ROAD NOS. 81-100		
TENDERS - CLASS 32-D-46	" " 81-100		

20 ENGS.

NOTE—All material to be ordered in accordance with Material Specification Sheet from Lima Locomotive Works, Incorporated, Test Department.

NOTE A: Purchase orders for all items marked "ALCO" are to bear the following note:
Design to be approved by American Locomotive Company. Send prints direct to ALCO for approval.
WHEN DRAWINGS ARE APPROVED BY ALCO, RELEASE FOR MANUFACTURE.

NOTE 1: Purchase orders for all items marked "NOTE 1" are to bear the following note:
AFTER DRAWINGS ARE APPROVED BY ALCO, Send to M. J. Donovan, M.E., Lima Locomotive Works, Inc., Lima, Ohio, five 23 copies of full and complete instructions covering assemblage, description, adjustment, and maintenance of your device.

NOTE 2: On all items marked "L.L.W. INSP.", the foundry is to notify Mr. O. B. Schultz, Chief Metallurgist and Engineer of Tests, Lima Locomotive Works, Inc., Lima, Ohio, five days in advance when the castings will be ready for inspection.

NOTE 3: Send one copy of all purchase orders to: Mr. A. Baranek, M.E., Polish Supply and Reconstruction Mission in North America, 2224 Wyoming Avenue, N.W., Washington 8, D.C.

ADDITIONS AND CHANGES AFTER ISSUE OF BOOK

PAGE	LINE ORDER	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
34	25 TO 29	12-10	12-10	✓
65	1	"	"	✓
68	21	"	"	✓
49	2	"	"	✓
64	24 TO 26	"	"	✓
66	1	"	12-11	✓
40	54-55	"	12-11	✓
70	22	"	"	✓
64	1 TO 3	"	"	✓
64	16-17	"	"	✓
60	52	"	"	✓
49	23	"	"	✓
50	3	"	"	✓
51	50-51	"	"	✓
51	55-56	"	"	✓
1	47 TO 56	"	"	✓
52	5-6	12-11	"	✓
52	9-10	"	"	✓
62	27-28	"	"	✓
7	11-15 29 TO 32	12-23	12-23	✓
14	1-2-3	"	"	✓
14	9-10	"	"	✓
14	27-28-29	"	"	✓
62	58-59	"	"	✓
46	9-10	"	"	✓
46	7-8	"	"	✓
16	53-54	"	"	✓
26	15-25	"	"	✓
35	14	12-24	12-24	✓
46	50	"	"	✓
27	50	"	"	✓
35	21 TO 32	"	"	✓
5	1	12-26	12-27	✓
13	3-4	"	"	✓
24	16-17	"	"	✓
22	1	"	"	✓
35	15 TO 18	"	"	✓
13	41 TO 58	"	"	✓
62	31-34	"	"	✓
32	2-3	"	"	✓
4	17 TO 24	"	"	✓
49	2-3	"	"	✓
51	36	"	"	✓
30	1-2	12-30	12-30	✓
30	4-5	"	"	✓
71	56	"	"	✓
48	24-25	"	"	✓
64	52 TO 54	"	"	✓
47	16 TO 18	"	"	✓
20	17-18-19	"	"	✓
9	55-56	"	"	✓
22	35	"	"	✓
7	16	"	"	✓
1	1	"	"	✓
27	0	"	"	✓
69	1 TO 5	12-31	12-31	✓
45	1	"	"	✓
45	18 TO 21	"	"	✓
34	32-33	"	"	✓
33-A	28-29	"	1-7	✓
69	13-14	"	"	✓
68	8-9	1-2	"	✓
27	3-4	"	"	✓
31	56 TO 61	"	"	✓
30	23-25	1-3	1-6	✓
29	37	"	"	✓
37	29	1-6	1-7	✓
56	51	"	"	✓

PAGE	LINE ORDER	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
59	54 TO 59	1-6	1-7	✓
60	1 TO 5	"	"	✓
60	7-8	"	"	✓
50	49 TO 54	"	"	✓
34	40-41	"	"	✓
57	ALL	"	"	✓
58	ALL	"	"	✓
29	22	"	"	✓
1	60	"	"	✓
30	57 TO 60	"	1-8	✓
33	58	"	"	✓
64	55-56-57	1-8	1-9	✓
47	21 TO 25	"	"	✓
65	17-18	"	"	✓
65	22	"	"	✓
65	26-27	"	"	✓
33	59	"	"	✓
29	38-39	"	"	✓
11	19 TO 21	"	"	✓
66	41 TO 45	"	"	✓
51	20	"	"	✓
15	1 TO 4	"	"	✓
33-C	32	"	"	✓
52	64-65	1-9	1-10	✓
39	27 TO 34	"	"	✓
5	30-36	"	"	✓
4	52	"	"	✓
39	36	"	"	✓
38	46-47	"	"	✓
38	58	"	"	✓
38	60 TO 64	"	"	✓
50	55 TO 59	"	"	✓
52	1 TO 3	"	"	✓
52	6	"	"	✓
19	24	"	"	✓
60	64-65	"	"	✓
28	37 TO 44	"	"	✓
38	43-44-45	"	"	✓
39	4 TO 11	"	"	✓
66	36	"	"	✓
52	9 TO 11	"	"	✓
67	59	"	"	✓
39	12 TO 15	"	"	✓
67	48-51	"	"	✓
36	2	"	"	✓
46	1-2	"	"	✓
34	20 TO 23	"	"	✓
46	5-6	1-10	1-13	✓
79	44	1-13	1-14	✓
47	10 TO 13	"	"	✓
50	60	"	"	✓
16	29 TO 32	"	"	✓
16	48	"	"	✓
50	23 TO 47	"	"	✓
33	25 TO 29	"	"	✓
33-C	62-63	"	"	✓
26	1-2	"	"	✓
27	25-37	"	"	✓
40	60 TO 63	"	"	✓
60	52 TO 56	"	"	✓
66	2	"	"	✓
48	33 TO 37	"	"	✓
26	50	"	"	✓
33	49	"	"	✓
42	19 TO 26	"	"	✓
66	12-13	"	"	✓
67	22 TO 26	"	"	✓
65	5-6	"	"	✓

PAGE	LINE CHANGE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
62	27-28	12-26	12-31	✓
1	47-50-53	12-31	1-2	✓
30	1	1-6	1-7	✓
45	2-21	"	"	✓
35	27-28-29	"	"	✓
1	47-50-53	1-7	1-8	✓
16	53-54	"	"	✓
26	15-25	"	"	✓
27	3-4	1-8	1-9	✓
34	32	"	"	✓
70	22	"	"	✓
68	9	"	"	✓
4	17-18-20	1-9	1-10	✓
30	2	"	"	✓
5	1	"	"	✓
28	37	"	"	✓
47	22	"	"	✓
66	37-42	"	"	✓
27	50	"	"	✓
30	2	1-15	1-16	✓
68	9	"	"	✓
34	26-28	"	"	✓
35	22	"	"	✓
35	25	"	"	✓
35	28-29	"	"	✓
33-D	33	1-16	1-17	✓
16	53	"	"	✓
26	15-25	"	"	✓
57	19	1-17	1-20	✓
58	16	"	"	✓
58	40-52	"	"	✓
47	18-19	"	"	✓
29	[illegible]-39	"	1-21	✓
30	57 TO 60	"	1-21	✓
42	62-63	"	1-20	✓
37	29	1-20	1-21	✓
61	3	"	"	✓
49	23-24	"	"	✓
34	29	"	"	✓
68	22-24	"	"	✓
69	10-11	"	"	✓
89	17	"	"	✓
51	54-59	"	"	✓
46	5-6	"	"	✓
29	22	"	"	✓
67	21 TO 26	1-21	"	✓
52	64	"	1-22	✓
32	21-25	"	"	✓
34	32	1-22	"	✓
14	27	"	"	✓
27	50	"	1-23	✓
1	47-53	"	"	✓
47	10-21	"	"	✓
66	36-41	"	"	✓
14	27-28	"	"	✓
16	29	1-23	1-24	✓
27	40-41	"	"	✓
14	21	"	"	✓
78	26 TO 31	"	"	✓
31	56 TO 61	"	"	✓
35	22-25 28-29	1-24	"	✓
17	36	"	"	✓
50	56-60	"	"	✓
32	3	"	"	✓
64	24-26-27	"	"	✓

PAGE	LINE HOLD UP	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
34	32-33	1-9	1-10	✓
29	22	1-15	1-16	✓
30	23-25	"	"	✓
30	57 TO 60	"	"	✓
29	37-39	"	"	✓
33	58	"	"	✓
30	23-25	"	"	✓
79	47	1-22	1-22	✓
86	50	"	"	✓
14	28-29	"	"	✓
31	56 TO 61	"	1-23	✓
81	1	1-27	1-27	✓
71	56	1-30	2-3	✓
39	20 TO 23	"	"	✓
88	51	"	"	✓
30	1	2-5	2-6	✓
77	47	2-12	2-13	✓
61	37-38	"	"	✓
31	37-38	"	"	✓
16	53	2-13	2-14	✓
84	45	2-13	"	✓
33	19 TO 23	2-17	2-17	✓
33-C	56 TO 61	"	"	✓
29	34	"	"	✓
63	50	2-24	2-25	✓
35	51	"	"	✓
85	38	2-25	2-26	✓
60	64-65	2-28	3-3	✓
84	34-45	3-5	3-6	✓
77	37 TO 40	3-12	3-13	✓
70	24	"	"	✓
79	2-3	3-19	3-19	✓
75	41-42	3-21	3-24	✓
50	12	"	"	✓
30	1 TO 3	3-28	3-31	✓
61	19	4-3	4-3	✓
84	7	"	"	✓
86	59	5-1	5-2	✓
77	41	5-5	5-5	✓

PAGE	LINE RELEASE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
34	32-33	1-13	1-14	✓
29	37-39	1-17	1-21	✓
30	57 TO 60	"	"	✓
29	22	1-20	"	✓
33	58	"	"	✓
30	23-25	1-24	1-24	✓
79	47	1-27	1-28	✓
81	1	"	"	✓
14	28-29	1-29	2-3	✓
86	50	2-5	2-6	✓
71	56	2-6	2-7	✓
88	51	"	"	✓
30	1	2-7	2-10	✓
39	20 TO 23	2-13	2-14	✓
31	56 TO 61	2-14	"	✓
77	47	"	2-17	✓
29	34	2-18	2-18	✓
16	53	2-21	2-24	✓
33-C	56-59-60	2-27	2-28	✓
33	23	"	"	✓
33	19-20-21-22	2-28	3-3	✓
33-C	57-58-61	"	"	✓
85	38	3-3	3-4	✓
61	37-38	"	"	✓
31	37-38	"	"	✓
63	50	3-5	3-6	✓
60	64-65	3-10	3-10	✓
84	34-45	"	"	✓
77	37 TO 40	3-17	3-18	✓
79	2-3	3-24	3-25	✓
75	41-42	3-26	3-27	✓
70	24	3-28	3-31	✓
30	1 TO 3	4-7	4-7	✓
50	12	4-11	4-11	✓
84	7	4-17	4-18	✓
61	CANCEL 19-20	"	"	✓
86	59	5-2	5-5	✓
77	41	5-5	"	✓

ADDITIONS AND CHANGES AFTER ISSUE OF BOOK

PAGE	LINE ORDER	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
78	26 TO 31	1-13	1-14	✓
9	23 TO 27	"	"	✓
49	32 TO 39	"	"	✓
27	56-57	1-14	1-15	✓
34	61-62	"	"	✓
34	55	"	"	✓
51	52-53	"	"	✓
51	57-58	"	"	✓
66	1-2	"	"	✓
69	10-11	"	"	✓
89	15-17	"	"	✓
33-D	52	"	"	✓
65	48 TO 53	1-15	1-16	✓
65	54	"	"	✓
65	55	"	"	✓
63	11-12-13-18	"	"	✓
40	9 TO 11	"	"	✓
30	19	"	"	✓
86	50	"	"	✓
65	63	"	"	✓
43	44-45	"	"	✓
10	49 TO 53	"	"	✓
51	4	"	"	✓
61	37-38	"	"	✓
31	37-38	"	"	✓
88	58-62	"	"	✓
33	50-51	"	"	✓
33-D	33	"	"	✓
FRONT COVER NOTE 3		"	"	✓
67	40	1-16	1-17	✓
41	2-3	"	"	✓
42	35-36	"	"	✓
42	62-63	"	"	✓
43	31-32	"	"	✓
43	29-30	"	"	✓
43	38-39	"	"	✓
43	42-43	"	"	✓
43	40-41	"	"	✓
1	63	"	"	✓
27	58	"	"	✓
35	1 TO 4	"	"	✓
40	25-26	"	"	✓
40	27-28	"	"	✓
40	48-49	"	"	✓
43	23-24	"	"	✓
41	55 TO 57	"	"	✓
41	58-59	"	"	✓
40	7-8	"	"	✓
61	2	"	"	✓
68	22-23	"	"	✓
77	54-55	1-17	1-20	✓
68	52	"	"	✓
77	56-57	"	"	✓
59	60 TO 67	"	"	✓
57	58 TO 61	"	"	✓
57	35-36	"	"	✓
58	17	"	"	✓
68	42 TO 66	"	"	✓
89	32	"	"	✓
20	10-11	"	"	✓
30	61	"	"	✓
13	26-27	"	"	✓
31	43	"	"	✓
41	18-19	"	"	✓
42	3-4	"	"	✓
42	9-10	"	"	✓
68	46	1-20	1-21	✓
49	41 TO 49	"	"	✓

PAGE	LINE ORDER	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
89	35	1-20	1-21	✓
90	35-36	"	"	✓
27	40-41	"	"	✓
37	4-5	"	"	✓
37	15	"	"	✓
37	6	"	"	✓
31	49 TO 52	"	"	✓
40	34 TO 36	"	"	✓
40	40	"	"	✓
28	4	"	"	✓
29	28-30	"	"	✓
17	34	"	"	✓
32	21-25	"	"	✓
60	38	"	"	✓
33	53-54	"	"	✓
63	45-47	"	"	✓
88	51	"	"	✓
61	4 TO 8	"	"	✓
61	24 TO 26	"	"	✓
50	62 TO 66	"	"	✓
37	33 TO 38	"	"	✓
51	60 TO 64	1-21	1-22	✓
75	28-29	1-22	"	✓
49	29	"	1-23	✓
27	51	"	"	✓
32	32-33	"	"	✓
88	63-64	"	"	✓
68	45-53	"	"	✓
33	55	"	"	✓
46	46	1-23	1-24	✓
63	29-30	"	"	✓
63	31-32	"	"	✓
16	61-62-63	"	"	✓
26	16-17	"	"	✓
81	1	"	"	✓
17	33	"	"	✓
33-D	34-35-36	"	"	✓
75	41-42	"	"	✓
68	26-27	"	"	✓
15	23-24	"	"	✓
25	15	"	"	✓
33-D	37 TO 43	"	"	✓
51	2-37	"	"	✓
17	35-36	"	"	✓
68	34 TO 37	"	"	✓
65	13-14	"	"	✓
24	53	"	"	✓
62	54	"	"	✓
85	42-45	"	"	✓
64	34-35	"	"	✓
51	27 TO 30	"	"	✓
56	ALL	"	"	✓
33	19 TO 23	"	"	✓
14	21	"	"	✓
33	56	1-24	"	✓
33-D	51	"	"	✓
34	58	"	"	✓
80	1-2	"	1-27	✓
88	60	"	"	✓
33-D	44	"	"	✓
34	49-51	"	"	✓
69	28 TO 43	"	"	✓
75	28	1-27	1-28	✓
30	18	"	"	✓
80	20-21	"	"	✓
57	47	"	"	✓
84	34-40-43	"	"	✓
84	45	"	"	✓

PAGE	LINE ORDER	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
75	19	1-27	1-28	✓
77	41	"	"	✓
40	31 TO 33	"	"	✓
44	1	"	"	✓
48	49-50	"	"	✓
35	34-35	"	"	✓
33-B	12-13	"	"	✓
33-D	45-46	"	"	✓
68	17	"	"	✓
33-D	47	"	"	✓
33-D	48	1-28	1-29	✓
45	58	"	"	✓
45	62 TO 64	"	"	✓
31	44-45	1-29	2-3	✓
86	17-18	1-30	"	✓
73	59	"	"	✓
33-A	14 TO 27	"	"	✓
38	11-12	"	"	✓
5	61	"	"	✓
39	16-17-18	"	"	✓
20	50	"	"	✓
30	6 TO 14	"	"	✓
70	58 TO 65	"	"	✓
81	49	1-31	"	✓
28	19-20	"	"	✓
85	1	"	"	✓
55	9-10	"	"	✓
55	31-32	"	"	✓
32	47-48	"	"	✓
63	42-43	"	"	✓
56	55-56-57	"	"	✓
56	64-65-66	"	"	✓
35	36	"	"	✓
33-C	57 TO 61	"	"	✓
86	32	"	"	✓
64	41-42	"	"	✓
30	52-53	"	"	✓
22	53	"	"	✓
10	43 TO 46	"	"	✓
32	49	"	"	✓
26	18	"	"	✓
38	19	"	"	✓
52	13	"	"	✓
33-C	56	"	"	✓
32	50-51	"	"	✓
35	11-12	2-3	"	✓
33-A	12-13	"	"	✓
9	1-5	"	"	✓
9	31	"	"	✓
39	24 TO 26	"	"	✓
29	34	"	"	✓
29	35	2-4	2-5	✓
33-C	55	"	"	✓
64	44	"	"	✓
4	7	2-5	2-6	✓
5	8	"	"	✓
20	1	"	"	✓
28	28	"	"	✓
33-A	11	"	"	✓
51	1	"	"	✓
48	64	"	"	✓
32	55 TO 58	"	"	✓
32	52-53	"	"	✓
34	63	"	"	✓
43	49 TO 51	2-6	2-7	✓
40	23	"	"	✓
29	7	"	"	✓
78	1	"	"	✓

PAGE	LINE ORDER	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
65	10 TO 12	2-6	2-7	✓
36	26 TO 29	"	"	✓
37	23-24	"	"	✓
72	10-11	"	"	✓
72	17	"	"	✓
77	63-64	"	"	✓
77	52	"	"	✓
68	59	"	"	✓
58	2	"	"	✓
57	43	"	"	✓
9	34 TO 37	"	"	✓
20	22	2-7	2-10	✓
30	40	"	"	✓
39	19	"	"	✓
27	59 TO 61	"	"	✓
32	26	"	"	✓
29	1	"	"	✓
57	42	2-10	"	✓
35	37-38	"	2-11	✓
30	41-42	"	"	✓
22	36	"	"	✓
27	64	"	"	✓
50	4	"	"	✓
2	50-51	"	"	✓
29	50 TO 53	"	"	✓
8	20	"	"	✓
77	47	"	"	✓
35	19-20	"	"	✓
41	23-24	"	"	✓
41	38-39	"	"	✓
85	40-41	"	"	✓
81	2	"	"	✓
12	34	"	"	✓
20	23	"	"	✓
65	30-31-32	"	"	✓
13	53	"	"	✓
24	20	"	"	✓
32	4-5	"	"	✓
85	49	"	"	✓
15	42	"	"	✓
65	37	"	"	✓
65	43-44	"	"	✓
35	45 TO 67	"	"	✓
4	8-9	2-12	2-13	✓
79	44	"	"	✓
87	13	"	"	✓
50	15 TO 20	"	"	✓
77	37-38	2-13	2-14	✓
57	50	"	"	✓
52	61-62	"	"	✓
65	39	"	"	✓
61	11	"	"	✓
10	37 TO 42	"	"	✓
33-B	3-4-5	"	"	✓
22	54	"	"	✓
35	39-40	"	"	✓
70	12	2-14	2-17	✓
33	66	"	"	✓
38	59	"	"	✓
77	65-66	"	"	✓
86	25-26	"	"	✓
32	45	"	"	✓
12	35	"	"	✓
78	61-62	"	"	✓
28	35	"	"	✓
5	6-62	"	"	✓
77	39	"	"	✓

PAGE	LINE CHANGE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
FRONT COVER NOTE 1		1-24	1-27	✓
30	60-61	"	"	✓
29	37-39	"	"	✓
75	29	"	"	✓
35	1 TO 4	"	"	✓
60	1	"	"	✓
FRONT COVER NOTE A		1-27	"	✓
35	30-31	"	1-28	✓
64	27	"	"	✓
64	56	"	"	✓
35	24	"	"	✓
35	15-17	"	"	✓
57	19	"	"	✓
58	40	"	"	✓
60	4-5	"	"	✓
40	48-49	"	"	✓
67	40	"	"	✓
34	29	"	"	✓
62	54	"	"	✓
14	1-2-3	"	"	✓
62	59	"	"	✓
69	10-11	"	"	✓
89	15-17	"	"	✓
79	47	"	"	✓
43	44-45	"	"	✓
42	3	"	"	✓
43	38-39	"	"	✓
60	56-57	"	"	✓
48	25-26	"	"	✓
34	61	"	"	✓
81	1	"	"	✓
64	2	"	"	✓
64	16-17	"	"	✓
27	56-57	"	"	✓
30	2	"	"	✓
40	27-25	"	"	✓
17	35	1-28	1-29	✓
68	36-37	"	"	✓
16	53	"	"	✓
26	15-25	"	"	✓
29	28-30	1-29	2-3	✓
35	30-31	"	"	✓
40	35	"	"	✓
66	36-39	"	"	✓
66	41-42-43	"	"	✓
50	36	"	"	✓
50	40	"	"	✓
50	25	"	"	✓
50	31	"	"	✓
45	1	"	"	✓
89	35	"	"	✓
14	27-29	"	"	✓
34	26	"	"	✓
34	40	"	"	✓
15	24	"	"	✓
25	15	"	"	✓
75	41	"	"	✓
75	30	"	"	✓
47	10-11-13	"	"	✓
47	21-22-23	"	"	✓
28	38-39	"	"	✓
38	46	"	"	✓
38	58	"	"	✓
39	4-5	"	"	✓
39	15	"	"	✓
48	33	"	"	✓
89	32	"	"	✓
37	29	"	"	✓

ADDITIONS AND CHANGES AFTER ISSUE OF BOOK

PAGE	LINE (ORDER)	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE (ORDER)	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE (ORDER)	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE (CHANGE)	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE (CHANGE)	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
30	16	2-14	2-17	✓	17	47 TO 50	2-27	2-28	✓	28	11 TO 17	3-10	3-11	✓	46	7	1-30	2-3	✓	7	11-16	2-10	2-11	✓
89	23-24-25	"	"	✓	47	7-8	"	"	✓	32	41 TO 44	"	"	✓	30	4-5	"	"	✓	13	45	"	"	✓
69	32-33-34	2-17	2-18	✓	53	59 TO 67	"	"	✓	24	13	"	"	✓	48	49	"	"	✓	1	63	"	"	✓
30	29	"	"	✓	25	42-26	2-28	3-3	✓	38	2 TO 4	"	"	✓	30	1	"	"	✓	27	27	2-11	2-11	✓
32	10	"	"	✓	65	60	"	"	✓	61	62-63	3-11	3-12	✓	34	58	"	"	✓	75	19	"	"	✓
79	54	2-18	"	✓	33	37	"	"	✓	31	23	3-12	3-13	✓	68	40	"	"	✓	78	26 TO 31	"	"	✓
90	23 TO 25	"	2-19	✓	88	52	"	"	✓	61	34-35	"	"	✓	78	26 TO 31	1-31	"	✓	51	53-54	2-12	2-13	✓
14	61-62	2-19	2-20	✓	8	2	"	"	✓	67	12-13	"	"	✓	56	34-35	"	"	✓	51	58-59	"	"	✓
33-C	27-28	"	"	✓	90	1 TO 6	"	"	✓	16	56	"	"	✓	69	5	"	"	✓	43	51	"	"	✓
31	29	"	"	✓	51	21-22-23	3-3	3-4	✓	29	23 TO 26	"	"	✓	57	19	"	"	✓	9	5	"	"	✓
72	16	"	"	✓	79	2-3	"	"	✓	33	7-8-9	3-13	3-14	✓	58	40	"	"	✓	40	24	"	"	✓
28	5	"	"	✓	86	59	"	"	✓	30	34	"	"	✓	60	5	"	"	✓	88	51	"	"	✓
36	3	"	"	✓	14	30	"	"	✓	73	52	"	"	✓	68	43	"	"	✓	48	33	"	"	✓
2	34	"	"	✓	32	11 TO 16	"	"	✓	84	7	"	"	✓	50	65	"	"	✓	71	56	"	"	✓
60	10	"	"	✓	47	51	"	"	✓	33-A	36	"	"	✓	39	9-10-11	"	"	✓	77	56	"	"	✓
59	22	"	"	✓	36	6-7	"	"	✓	33-B	41	"	"	✓	16	32	"	"	✓	4	7	"	"	✓
58	21 TO 26	"	"	✓	8	21	"	"	✓	81	3	"	"	✓	33	25-26-27	"	"	✓	69	13	"	"	✓
59	32	"	"	✓	29	44 TO 48	"	"	✓	25	1	"	"	✓	31	43	"	"	✓	~~37~~	37-38	"	"	✓
57	28	"	"	✓	21	47	"	"	✓	30	35 TO 38	"	"	✓	77	41	"	"	✓	49	37	"	"	✓
10	35	"	"	✓	79	30	"	"	✓	61	16-17	"	"	✓	30	12-14	"	"	✓	37	16	"	"	✓
31	19 TO 22	"	"	✓	10	12	"	"	✓	33-A	41	"	"	✓	51	52-54	"	"	✓	50	37	"	"	✓
52	39	"	"	✓	30	46-43	"	"	✓	51	24	"	"	✓	9	23 TO 26	"	"	✓	50	40-41	"	"	✓
14	48-49	"	"	✓	33	1	"	"	✓	51	15-16-17	"	"	✓	38	45-47	"	"	✓	62	34	"	"	✓
78	10	"	"	✓	33-A	42-43	"	"	✓	33	43 TO 46	"	"	✓	5	30-36	"	"	✓	10	49 TO 54	"	"	✓
51	66	"	"	✓	20	33	"	"	✓	33-A	30-31	"	"	✓	39	6-7-8	"	"	✓	7	29	"	"	✓
76	13	2-20	2-21	✓	33-B	6	"	"	✓	51	25-26	"	"	✓	38	65	"	"	✓	7	30 - REC.	"	"	✓
61	59-60	"	"	✓	31	35	"	"	✓	56	2 TO 5	"	"	✓	49	36	"	"	✓	72	10-11-17	2-13	2-14	✓
71	25	"	"	✓	57	2	"	"	✓	89	52 TO 56	3-14	3-17	✓	16	53	"	"	✓	57	43	"	"	✓
63	50	"	"	✓	58	56	"	"	✓	33	64-65	"	"	✓	26	15-25	"	"	✓	58	2	"	"	✓
63	59 TO 62	"	"	✓	48	55-56	"	"	✓	22	37	"	"	✓	49	29	2-3	"	✓	61	2	"	"	✓
79	57-58	"	"	✓	60	26-27	"	"	✓	50	12	"	"	✓	68	9-10	"	"	✓	49	2	"	"	✓
86	19	"	"	✓	60	30 TO 32	"	"	✓	52	46 TO 51	"	"	✓	60	57	"	"	✓	52	3	"	"	✓
29	18-19	"	"	✓	50	6	"	"	✓	33-A	32 TO 35	"	"	✓	64	2-17	"	"	✓	39	20-21-22	"	"	✓
52	19-20	2-21	2-24	✓	31	64-65	3-5	3-5	✓	4	63	"	"	✓	68	22-24	"	"	✓	38	45-47	"	"	✓
31	1-2	"	"	✓	30	30-31	"	"	✓	38	28-29	"	"	✓	35	17	"	"	✓	5	30-36	"	"	✓
13	28	"	"	✓	56	50	"	"	✓	33-A	9-10	"	"	✓	39	36	2-4	2-5	✓	39	6 TO 11	"	"	✓
61	53	"	"	✓	86	1-2	"	"	✓	36	8-9	3-17	3-18	✓	60	37	"	"	✓	65	11	"	"	✓
31	53	"	"	✓	62	35-36	"	3-6	✓	31	46-47	"	"	✓	67	22 TO 26	"	"	✓	62	28	"	"	✓
31	26-27	"	"	✓	57	45-46	"	"	✓	33-C	1-2	"	"	✓	49	41	2-5	2-6	✓	31	56 TO 61	2-14	"	✓
76	44	"	"	✓	31	66-67	"	"	✓	33-C	25-26	"	"	✓	86	50	"	"	✓	38	19	"	"	✓
77	40	"	"	✓	31	62-63	"	"	✓	36	38 TO 40	"	"	✓	70	23	"	"	✓	37	29	"	"	✓
29	5-6	"	"	✓	29	29	"	"	✓	60	22-23-24	"	"	✓	48	25	"	"	✓	33	50	"	"	✓
29	8 - REC. 20	"	"	✓	3	39-40-44	3-6	3-7	✓	32	34	"	"	✓	20	10-11	"	"	✓	17	34	"	"	✓
29	2-3-4	2-24	"	✓	38	20-21	"	"	✓	32	22-	"	"	✓	34	51	"	"	✓	46	47	"	"	✓
85	38	"	"	✓	38	14 TO 17	"	"	✓	34	4	3-19	3-20	✓	71	56	2-6	2-7	✓	60	56	"	"	✓
70	66	"	2-25	✓	66	47-48-49	"	"	✓	33-A	8-7	"	"	✓	48	33	"	"	✓	64	2-17	"	2-17	✓
71	27	"	"	✓	17	7 TO 10	"	"	✓	38	36 TO 38	"	"	✓	40	33	"	"	✓	77	47	"	"	✓
29	40-41	"	"	✓	86	9	"	"	✓	52	42	"	"	✓	78	26 TO 31	"	"	✓	63	11-12	"	"	✓
76	34-38-45	"	"	✓	63	65-66	"	"	✓	31	3 TO 15	"	"	✓	88	51	"	"	✓	79	47	"	"	✓
29	49	"	"	✓	91	ALL	"	"	✓	11	29-16	"	"	✓	37	5	"	"	✓	89	32-35	"	"	✓
35	42-43-44	"	"	✓	44	3	"	"	✓	2	66	"	"	✓	61	2	"	"	✓	50	49 TO 54	"	"	✓
51	46-47	"	"	✓	38	33	"	"	✓	5	63-64-65	"	"	✓	65	5	"	"	✓	55	9-32	2-17	"	✓
47	43-44	"	"	✓	17	53-54	"	"	✓	31	16	"	"	✓	30	2	2-7	2-10	✓	34	40	"	2-18	✓
82	1	2-25	2-26	✓	16	33-34	"	"	✓	52	59	"	"	✓	35	36	2-10	2-11	✓	47	11	"	"	✓
83	1	"	"	✓	33	31-32-33	"	"	✓	57	8-9	"	"	✓	34	26-40	"	"	✓	66	36	"	"	✓
47	53-54	"	"	✓	26	3	"	"	✓	14	31	"	"	✓	52	3	"	"	✓	30	16	"	2-18	✓
85	34-35	2-26	"	✓	67	8	"	"	✓	13	34	"	"	✓	50	3	"	"	✓	33	66	"	"	✓
75	31-33	"	2-27	✓	73	13	"	"	✓	33-C	7-8	"	"	✓	35	24	"	"	✓	69	31-38-43	2-18	"	✓
20	20	"	"	✓	76	16	"	"	✓	62	21	"	"	✓	46	8	"	"	✓	29	34	"	"	✓
24	11-12	"	"	✓	3	35	"	"	✓	52	55-56	"	"	✓	80	20-21	"	"	✓	12	35	"	"	✓
46	42-43	"	"	✓	28	10	"	"	✓	38	66	3-20	3-21	✓	84	40-43	"	"	✓	60	3	"	2-19	✓
68	30	"	"	✓	33-C	29	"	"	✓	63	57	"	"	✓	75	41-42	"	"	✓	38	44	"	"	✓
76	42	"	"	✓	33	34	"	"	✓	33	38	"	"	✓	84	34-45	"	"	✓	45	19	"	"	✓
60	28-29	"	"	✓	33	60-61-63	3-7	3-10	✓	67	54	"	"	✓	86	18	"	"	✓	64	58	"	"	✓
36	4-5	2-27	2-28	✓	69	23 TO 25	"	"	✓	33-A	1 TO 5	"	"	✓	81	1	"	"	✓	30	2	2-19	2-20	✓
29	32	"	3-5	✓	2	58	3-10	3-11	✓	52	35-36	"	"	✓	27	61	"	"	✓	60	4	"	"	✓
72	1-3-6	"	2-28	✓	2	46-56	"	"	✓	61	19-20	3-21	3-24	✓	60	8	"	"	✓	58	17	"	"	✓
28	6-8	"	"	✓	3	9	"	"	✓	52	44	"	"	✓	29	1	"	"	✓	58	52-53	"	"	✓

ADDITIONS AND CHANGES AFTER ISSUE OF BOOK

PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
	ORDER			
56	23-25	3-21	3.24	✓
33-A	6	3-24	3.25	✓
28	32-33-34	3-26	3-27	✓
49	17 TO 22	"	"	✓
27	D-1	"	"	✓
27	5 TO 24	"	"	✓
19	3	"	"	✓
1	7-8	"	"	✓
44	46 TO 48	"	"	✓
33-A	37 TO 40	"	3.28	✓
33-A	53	"	"	✓
34	5	3-27	3-31	✓
3	10-11	3-28	"	✓
28	21	"	"	✓
88	18	"	"	✓
33	35	"	"	✓
33-D	3 TO 6	"	"	✓
13	29	"	"	✓
33-C	3	"	"	✓
30	44	"	"	✓
70	33 TO 36	"	"	✓
57	44	4-1	4-1	✓
33-A	44-45-46	"	"	✓
33-D	7-8	"	"	✓
83	53-54	"	"	✓
60	16 TO 21	"	"	✓
50	9-10	"	"	✓
61	22	"	"	✓
33-A	52	"	"	✓
33-B	21 TO 24	"	4-M	✓
91	43	"	"	✓
17	5-6-4	"	"	✓
33-D	9 TO 12	"	"	✓
67	35	"	"	✓
54	27 TO 49	4-2	4-3	✓
15	59	4-3	"	✓
16	1	"	"	✓
33	10-11	"	"	✓
33-C	49-50	"	"	✓
38	5-6	"	"	✓
33-C	9-10	"	4-4	✓
50	13	4-4	4-7	✓
33-B	25 TO 30	4-7	4-8	✓
52	32-33	"	"	✓
67	29-30	"	"	✓
33-D	13-14	"	"	✓
63	63	"	"	✓
52	52	4-8	4-9	✓
33-A	68	"	"	✓
57	16	"	"	✓
60	11	"	"	✓
33	2-3-4	"	"	✓
33-B	42	"	"	✓
33-D	15-16	"	"	✓
49	65-66	4-9	4-10	✓
33-B	31-32-33	"	"	✓
88	19	"	"	✓
67	15	"	"	✓
4	10	4-10	4-11	✓
28	29-30-31	"	"	✓
33-A	47	"	"	✓
20	2	"	"	✓
33-D	50	"	"	✓
84	31	4-11	"	✓
3	41	"	"	✓
19	50	"	"	✓
15	60	"	"	✓
33-B	43 TO 53	"	"	✓

PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
	ORDER			
81	4	4-11	4-11	✓
30	47	"	"	✓
3	12	"	"	✓
19	38	"	"	✓
30	51	"	"	✓
72	35	"	"	✓
12	56-57-58	"	"	✓
31	39-40-41	"	"	✓
33-C	11 TO 23	"	"	✓
24	2-7	"	"	✓
16	20	"	"	✓
12	33-52	"	"	✓
12	25	"	"	✓
10	13	"	"	✓
61	36	"	"	✓
61	28	"	"	✓
33-C	54	"	"	✓
30	62 TO 67	4-14	4-15	✓
59	43-44	"	"	✓
28	22	4-15	4-16	✓
37	66	"	"	✓
60	41-42	"	"	✓
79	23	"	"	✓
33-B	54	"	"	✓
37	64	"	"	✓
36	10-11	4-16	4-17	✓
77	34	4-17	"	✓
57	39	"	"	✓
59	45-46	"	"	✓
59	2	"	"	✓
33-B	34	"	4-18	✓
52	53	"	"	✓
33-B	55-56-57	"	"	✓
12	32	"	"	✓
31	31	"	"	✓
61	12 TO 14	"	"	✓
32	17	4-18	4-21	✓
33-C	4	"	"	✓
28	46	"	"	✓
33-C	24	4-21	4-22	✓
41	30	"	"	✓
33-A	48	"	"	✓
63	64	"	"	✓
33-B	58 TO 65	"	"	✓
12	31	"	"	✓
60	48	"	"	✓
28	23	"	"	✓
28	55 TO 58	"	"	✓
37	67	"	"	✓
33	13	"	"	✓
9	12	"	"	✓
29	62 TO 66	"	"	✓
33-C	6	"	"	✓
33-B	66 TO 69	"	"	✓
33-B	38-39-40	"	"	✓
49	51-52	"	"	✓
30	48	4-23	4-23	✓
49	55	"	"	✓
12	61	"	"	✓
33-C	34 TO 41	"	"	✓
61	41	"	"	✓
67	33	"	"	✓
33-A	49	"	"	✓
43	25	"	"	✓
33-C	57	4-24	4-25	✓
10	2	"	"	✓
79	27	"	"	✓
28	24	4-28	4-28	✓

PAGE	LINE CHANGE HOLD-UP	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
58	40-41	2-19	2-20	✓
57	19-20	"	"	✓
57	38	"	"	✓
57	35-36	"	"	✓
39	3-36	2-20	"	✓
66	12-13	"	"	✓
89	23-24-25	"	2-21	✓
77	41	"	"	✓
52	9	"	"	✓
77	39	"	"	✓
38	19	"	"	✓
62	34	2-21	2-24	✓
77	65-66	"	"	✓
44	1-REC.	"	"	✓
40	36	"	"	✓
40	40-41	"	"	✓
40	60-61	"	"	✓
40	63	"	"	✓
16	53	"	"	✓
26	15-25	"	"	✓
77	39	2-24	"	✓
76	44	"	2-25	✓
78	1	"	"	✓
63	29	"	"	✓
49	32-34	"	"	✓
70	22-23	"	"	✓
50	58-59	"	"	✓
~~44~~	~~X X~~	"	—	
35	45-66	"	"	✓
35	43	"	"	✓
35	53 TO 56	"	"	✓
39	17	"	"	✓
16	53	"	"	✓
49	29	"	"	✓
75	19	2-26	2-27	✓
66	12	"	"	✓
30	29	"	"	✓
20	18	"	"	✓
44	1-REC.	"	"	✓
60	52	"	"	✓
64	3-18	"	"	✓
51	36	"	"	✓
49	23	"	"	✓
50	50-53	"	"	✓
75	28	"	"	✓
49	29	"	"	✓
29	2-4	2-27	"	✓
2	50	"	2-28	✓
89	23-24	"	"	✓
77	37-38-39	"	"	✓
27	38	"	"	✓
40	61	"	"	✓
57	50	"	"	✓
68	30	"	"	✓
65	54	2-28	3-3	✓
36	4	"	"	✓
61	8	"	"	✓
33	20-21	"	"	✓
33-C	57-58-61	"	"	✓
75	29	"	"	✓
16	53-54	"	"	✓
26	15-25	"	"	✓
68	42	"	"	✓
75	19-20	3-3	3-4	✓
85	49	"	"	✓
86	32	"	"	✓
35	36	"	"	✓
16	48	"	"	✓

PAGE	LINE CHANGE RELEASE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
33-C	62-63	3-3	3-4	✓
41	18	"	"	✓
51	66	"	"	✓
61	37	"	"	✓
31	37	"	"	✓
77	38	"	"	✓
67	48-51	"	"	✓
45	1	"	"	✓
57	50-36	"	"	✓
58	52-20	"	"	✓
57	41	"	"	✓
59	55 TO 59	"	"	✓
72	2 TO 5	3-4	"	✓
39	17	"	3-5	✓
35	67	"	"	✓
85	35-38	"	"	✓
29	34	"	"	✓
64	58	3-5	3-6	✓
72	16	"	"	✓
80	20-21	"	"	✓
77	47	"	"	✓
62	31-32	"	"	✓
63	50	"	"	✓
57	47	"	"	✓
45	19	"	"	✓
47	54	"	"	✓
76	13	3-6	3-7	✓
38	45-47	"	"	✓
5	30-36	"	"	✓
39	9-10-11	"	"	✓
50	27-28	"	"	✓
77	52	"	"	✓
47	51-52	"	"	✓
89	23-24-25	"	"	✓
37	29	"	"	✓
67	49	"	"	✓
86	1-2	"	"	✓
30	2	"	"	✓
16	29	"	"	✓
61	3	"	"	✓
86	59	"	"	✓
50	33-34	"	"	✓
38	11-12	3-7	"	✓
61	3	"	"	✓
16	53	"	"	✓
8	20	"	"	✓
29	39	"	"	✓
38	11-12	"	"	✓
50	25-31	"	"	✓
60	64-65	"	"	✓
84	45	"	"	✓
86	7	"	"	✓
89	23-24-25	"	"	✓
30	41	"	"	✓
37	29	"	"	✓
77	41	"	"	✓
58	16	3-12	3-13	✓
60	4	"	"	✓
31	19	"	"	✓
29	46-47	"	"	✓
39	19	3-13	"	✓
65	30-31-32	"	"	✓
86	7	"	"	✓
68	52	"	4	✓

PAGE	LINE CANCEL OR CHANGE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
32	44	3-13	3-13	✓
52	19	"	3-14	✓
31	1-2	"	"	✓
67	48-49 REC.	"	"	✓
67	52	"	"	✓
34	58	"	"	✓
75	19-20-21	"	"	✓
90	1-3	"	"	✓
56	19	"	"	✓
40	24-33	"	"	✓
75	33	"	"	✓
72	1 TO 5	"	"	✓
50	28-34	"	"	✓
67	49	3-14	3-17	✓
35	19 TO 29	"	"	✓
33	7-8	"	"	✓
75	33	"	"	✓
46	43-44	"	"	✓
88	51	"	"	✓
57	50	"	"	✓
47	25	"	"	✓
66	45	"	"	✓
35	51	"	"	✓
67	12-13 ORDER	"	"	✓
28	8	3-17	3-18	✓
60	64-65	"	"	✓
89	35	"	"	✓
89	32	3-18	3-19	✓
67	52	3-19	"	✓
65	54	"	3-20	✓
64	58	"	"	✓
57	46-47	"	"	✓
68	52	3-20	3-21	✓
84	45	"	"	✓
50	37-41	"	"	✓
31	51	"	"	✓
60	4-5	"	"	✓
57	35	"	"	✓
84	40-43	"	"	✓
79	47	"	"	✓
80	20-21	"	"	✓
1	1-2	"	"	✓
76	34	3-21	3-24	✓
89	23-24-25	"	"	✓
75	31-33	"	"	✓
60	30-31-32	"	"	✓
32	11	"	"	✓
47	53	"	"	✓
79	2-3	3-24	3-25	✓
86	19	"	"	✓
65	11	"	"	✓
34	58	3-25	3-26	✓
86	32	3-26	3-27	✓
49	32-34	"	"	✓
77	54-56	"	"	✓
~~51~~	~~49~~	"	—	
33	28	"	"	✓
26	18	"	"	✓
65	55	"	"	✓
50	56-57-59	"	"	✓
40	63	"	"	✓
37	35-36	"	"	✓
11	19-20	"	"	✓
67	55	"	"	✓
69	32-33-34	"	"	✓
75	41-42	"	"	✓
76	42	"	"	✓
61	16	"	"	✓

ADDITIONS AND CHANGES AFTER ISSUE OF BOOK

PAGE	LINE CHANGE ~~ORDER~~	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE ~~CHANGE ORDER~~	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE ~~HOLD-UP~~	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE ORDER ~~RELEASE~~	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE ORDER ~~CANCEL OR CHANGE~~	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
49	29	3-27	3-27	✓	76	13	4-10	4-11	✓	51	4	5-1	5-1	✓	15	5	4-28	4-28	✓	41	8	5-12	5-12	✓
60	REC. 64-65	"	"	✓	77	56-52	"	"	✓	32	45	"	"	✓	17	37	"	"	✓	59	47-48	"	5-13	✓
84	7	3-28	3-31	✓	73	52	"	"	✓	31	14-15-16	"	"	✓	52	34	"	"	✓	33-C	25	"	"	✓
71	25	"	"	✓	75	41	4-11	"	✓	33-B	48	"	"	✓	33-B	35-36-37	"	"	✓	23	1	"	5-13	✓
61	38	"	"	✓	50	12	"	"	✓	33-B	39-40	"	5-2	✓	33-B	18-19	"	"	✓	51	32-34-35	"	"	✓
27	61	"	"	✓	61	34	"	"	✓	86	50	"	"	✓	16	21	"	"	✓	51	38	"	"	✓
30	2-4	"	"	✓	69	23-25	"	"	✓	51	4	5-2	5-5	✓	84	46	4-29	4-29	✓	33-A	51	"	"	✓
70	23-24	"	"	✓	68	43	"	"	✓	80	20-21	"	"	✓	33-A	67	"	"	✓	33-D	55-56 57-58	"	"	✓
44	46	4-1	4-1	✓	57	46	"	"	✓	85	35	"	"	✓	62	51	4-30	4-30	✓	49	57-59	"	"	✓
65	48-50-53	"	"	✓	57	16	4-14	4-15	✓	32	45	"	"	✓	30	20	"	"	✓	49	63	"	"	✓
43	49	"	"	✓	60	11	"	"	✓	52	55	"	"	✓	14	44	"	"	✓	49	10-11	"	"	✓
66	1-2	"	"	✓	3	39	"	"	✓	40	24	"	"	✓	36	12-13	"	"	✓	49	53	"	"	✓
11	16	"	"	✓	67	15	"	"	✓	57	20-49	"	"	✓	33-C	30-31	"	"	✓	3	15	5-14	5-15	✓
45	19	"	"	✓	33	2-3-4	4-15	4-16	✓	58	56	"	"	✓	33-A	54 TO 58	"	"	✓	52	24-25	"	"	✓
30	35	"	"	✓	71	56	"	"	✓	60	5	"	"	✓	33-A	63 TO 66	"	"	✓	28	59	"	"	✓
27	26-38	"	"	✓	33-A	47	"	"	✓	50	16-17-19	"	"	✓	60	36	"	"	✓	26	51	"	"	✓
11	29	"	4-2	✓	86	32	"	"	✓	67	35	"	"	✓	10	5	"	"	✓	33-D	25 TO 32	"	"	✓
16	53	"	"	✓	33-B	49-51	"	"	✓	16	61-63	"	"	✓	33-A	50	"	"	✓	32	6	5-15	"	✓
26	15-25	"	"	✓	33-C	16	4-16	4-17	✓	26	16-17	"	"	✓	49	13-14	"	"	✓	12	27-28	"	"	✓
63	59 TO 62	"	"	✓	33-C	17 REC.	"	"	✓	27	3-4	"	"	✓	9	63	"	"	✓	33-E	1 TO 6	"	"	✓
50	47	"	"	✓	83	53-54	"	"	✓	70	36-37	5-5	"	✓	32	8	5-1	5-1	✓	57	56-57	5-16	5-16	✓
51	52-54	"	"	✓	40	63 REC.	"	"	✓	49	14	"	"	✓	33-B	15-16-17	"	"	✓	56	15-18	"	"	✓
51	59	"	"	✓	73	52	4-17	"	✓	65	56	"	"	✓	12	29	"	"	✓	28	60	"	"	✓
60	8	"	"	✓	31	49	"	"	✓	77	REC. 65-66	"	"	✓	33-B	20	"	5-2	✓	58	46-47	5-17	5-19	✓
52	9-10	"	"	✓	57	35	"	"	✓	77	41	"	"	✓	51	6	5-2	5-5	✓	33-D	65	"	"	✓
50	24-27-28	4-2	4-3	✓	58	53	"	"	✓	27	12	"	"	✓	14	5-6-11	"	"	✓	28	26	5-22	5-22	✓
50	30-33-34	"	"	✓	58	17-21	"	"	✓	2	58	"	"	✓	~~24~~	~~30-31~~	"	"	✓	33-E	7	"	5-23	✓
50	44	"	"	✓	58	40-52	"	"	✓	3	9	"	"	✓	32	7	"	"	✓	12	19-20	5-23	"	✓
70	66	4-3	"	✓	30	3	"	"	✓	28	13-14	"	"	✓	33	47	"	"	✓	33-E	8 TO 18	"	"	✓
67	59	"	"	✓	52	56	"	4-18	✓	37	29 REC.	"	"	✓	33-C	42 TO 48	"	"	✓	41	28	5-26	5-26	✓
70	36-37	"	"	✓	84	7	"	"	✓	71	56	"	"	✓	15	64	"	"	✓	59	38-39	"	"	✓
35	46-47	"	"	✓	52	59	"	"	✓	9	5-12	"	"	✓	65	56	"	"	✓	24	14	5-28	5-28	✓
35	52-58	"	"	✓	61	19-20	"	"	✓	30	20	"	"	✓	62	62-63	"	"	✓	33-E	19 TO 23	"	"	✓
35	60-63	"	"	✓	79	30	4-18	4-21	✓	29	62 TO 66	"	"	✓	33-D	17 TO 22 TO 24	"	"	✓	33-F	1 TO 7	"	"	✓
39	25	"	"	✓	60	42	"	"	✓	52	3-7	"	"	✓	14	22	"	"	✓	33-E	48	"	"	✓
89	23-24-25	"	4-4	✓	31	3	4-21	4-22	✓	77	47	5-6	5-7	✓	49	26-27	"	"	✓	3	16	5-29	5-29	✓
75	42	"	"	✓	56	51	"	"	✓	78	1	"	"	✓	14	8	5-5	"	✓	33-E	24-25	"	"	✓
75	28	"	"	✓	50	9	"	"	✓	33-C	40	5-7	5-8	✓	24	29-30-31	"	"	✓	60	12	"	"	✓
33-C	8	"	"	✓	37	29	"	"	✓	33-B	10-11	"	"	✓	10	55	"	"	✓	59	42	"	"	✓
85	38	4-4	4-7	✓	52	35-36	"	"	✓	33-B	2-1	"	"	✓	33-B	14	"	"	✓	57	20-22	"	"	✓
4	16 TO 24	4-7	"	✓	37	33	4-22	4-23	✓	27	61	"	"	✓	31	17	"	"	✓	57	17	"	"	✓
4	63	"	"	✓	77	65-66	4-23	"	✓	35	45-47	"	5-9	✓	31	0	"	"	✓	33-E	26 TO 40	6-4	6-4	✓
5	62	"	"	✓	33-B	38	"	"	✓	33-D	40	5-8	"	✓	23	30-31	"	"	✓	3	38	6-5	6-6	✓
51	59	"	"	✓	90	23	"	"	✓	33-D	41 REC.	"	"	✓	2	59-44	"	"	✓	33-E	41 TO 43	6-6	"	✓
65	60	"	"	✓	75	28	"	"	✓	27	60	5-9	"	✓	28	25	"	"	✓	60	34-35	"	"	✓
57	36	"	"	✓	37	29	4-24	4-25	✓	68	33	"	"	✓	33-C	52-53	"	"	✓	49	61	6-9	6-9	✓
58	52	"	"	✓	76	16	"	"	✓	37	29 REC.	"	"	✓	33-C	67-68	"	"	✓	56	6	"	"	✓
52	55-56	"	"	✓	81	1	4-25	4-28	✓	33-B	7-8-9	"	"	✓	49	28	"	"	✓	10	58	"	"	✓
30	3	"	"	✓	33-D	41	4-28	"	✓	61	1 REC.	"	"	✓	33-A	59 TO 62	"	"	✓	33-E	53	"	"	✓
30	6 TO 14	"	"	✓	27	26-38	"	"	✓	61	13	"	"	✓	28	48 TO 53	"	"	✓	51	10	"	"	✓
33-D	7	"	4-8	✓	52	32-33	"	"	✓	33	20-21	"	"	✓	3	13-14	"	"	✓	16	36	6-12	6-13	✓
33	31	"	4-8	✓	52	55-56	"	"	✓	40	11	5-12	5-12	✓	33-B	1-2	"	"	✓	51	42 TO 45	6-18	6-18	✓
83	53-54-55	"	"	✓	31	2	"	"	✓	33-A	55	"	"	✓	33-B	7 TO 11	"	"	✓	33-E	57-58	"	6-19	✓
77	65-66	4-8	4-9	✓	33-B	43	"	"	✓	69	23-25	"	"	✓	30	15	"	"	✓	33-E	49	6-23	6-23	✓
33	10-11	"	"	✓	36	26 TO 29	"	"	✓	33-C	61	"	5-13	✓	12	62	5-7	5-8	✓	33-E	47	6-30	7-1	✓
33-C	49-50	"	"	✓	37	23-24	"	"	✓	29	34	"	"	✓	11	33	"	"	✓	51	5	"	"	✓
39	34	"	"	✓	37	6	"	"	✓	72	1-3	"	"	✓	33-D	59 TO 64	"	"	✓	28	61	"	"	✓
52	56	"	"	✓	51	57	"	"	✓	61	12	"	"	✓	26	4	"	"	✓	57	62	7-17	7-17	✓
52	44	4-9	4-10	✓	1	63 REC.	"	"	✓	49	29	"	"	✓	16	35	"	"	✓	33-E	60-61-62	7-18	7-21	✓
28	33	"	"	✓	33-C	41	"	4-29	✓	29	34	5-13	"	✓	33-C	33	"	"	✓	12	50	7-21	"	✓
28	34 REC.	"	"	✓	76	16	4-29	"	✓	27	60	"	"	✓	64	47-48	"	"	✓	35	41	"	"	✓
4	9	4-10	4-11	✓	33-B	38	"	"	✓	68	17	"	"	✓	36	14	"	"	✓	33-E	52	7-23	7-23	✓
20	1	"	"	✓	49	29	"	"	✓	82	1	"	"	✓	68	32-33	"	"	✓	17	11	"	"	✓
28	28	"	"	✓	72	35	4-30	4-30	✓	83	1	"	"	✓	69	26	5-8	5-9	✓	38	7	7-24	7-24	✓
50	59	"	"	✓	57	36	"	"	✓	51	54-59 60-61	5-14	"	✓	62	12-13	"	"	✓	33-E	51	"	7-25	✓
50	27-33	"	"	✓	53	62-63-~~64~~	"	"	✓	28	17	"	"	✓	33-D	66-67-68	5-9	"	✓	47	4 REC.	"	"	✓
70	36	"	"	✓	53	67	"	5-1	✓	28	51-52	"	"	✓	33-C	64	"	"	✓	27	63	7-28	7-28	✓
89	32	"	"	✓	40	35-36	5-1	"	✓	28	55-56	"	"	✓	51	12-13	5-12	5-12	✓	55	60	"	7-29	✓

REPLACED MATERIAL AND E. D. CHARGES

PAGE / Quantity	LINE / CHANGE	D.R. BOOK	P.D. MATERIAL BOOK	CK.
33-A	67	5-15	5-15	✓
31-D	32	5-16	5-16	✓
38	37-38	"	"	✓
70	22-23	5-17	5-19	✓
70	24 REC.	"	"	✓
40	36	5-19	5-20	✓
57	38-35-36	5-20	5-21	✓
58	52	"	"	✓
60	57	5-22	5-22	✓
37	29	5-26	5-26	✓
57	39-35-36	"	"	✓
58	40-46 52-53	"	"	✓
51	12-13	5-28	5-28	✓
57	44	"	5-29	✓
60	5-4	5-29	"	✓
58	40-52	"	"	✓
57	19-28	"	"	✓
57	35-36	"	"	✓
57	50	"	"	✓
70	22	6-2	6-2	✓
48	38	"	"	✓
57	20-35	"	"	✓
58	52	"	"	✓
60	4	"	"	✓
52	14	6-4	6-5	✓
81	4	6-6	6-9	✓
33-A	28	6-9	"	✓
16	48	"	"	✓
33-C	52	"	"	✓
27	60	"	"	✓
48	39	"	6-10	✓
52	14	6-10	"	✓
51	64-65	6-12	6-13	✓
33-D	30	"	"	✓
16	29	"	"	✓
4	16	6-16	6-16	✓
57	17-36	"	"	✓
58	52	"	"	✓
57	20-50	"	"	✓
27	18	"	"	✓
31	41	"	"	✓
41	30	6-18	6-19	✓
52	7-8	6-19	"	✓
1	7	6-20	6-23	✓
81	4	6-25	6-26	✓
52	53	6-27	6-27	✓
28	60	6-30	7-1	✓
37	29	7-17	7-17	✓
89	25	"	"	✓
58	52	"	"	✓
33-E	42	7-18	7-21	✓
52	6-7-8	"	"	✓
33-C	22	7-21	"	✓
52	7-8	"	"	✓
35	46-49	"	"	✓
29	47	7-22	7-22	✓
49	29	7-25	7-25	✓
75	28	"	"	✓
57	29	7-28	7-29	✓
81	1	7-30	7-31	✓
52	8	"	"	✓
70	12	8-5	8-6	✓
75	28	8-15	8-18	✓
57	29	8-18	"	✓
88	51	8-20	8-20	✓
14	5	8-21	8-22	✓
60	60-61	"	"	✓
81	49	8-25	8-25	✓
58	40	8-28	8-28	✓

PAGE	LINE	PAT. No. D.R. BOOK	PAT. No. P.D. BOOK	E. AND D. No. CHK.	CHARGE	ORDER No.
81	1 REC.	9-2	9-2	✓		
77	47-49 REC.	"	"	✓		
73	13 REC.	"	"	✓		
33-E	53	9-4	9-5	✓		
51	10 REC.	"	"	✓		
35	56-55 REC.	"	"	✓		
86	25 REC.	9-5	9-8	✓		
25	1 REC	9-8	"	✓		
63	11-12 REC.	9-10	9-11	✓		
70	22 REC.	9-12	9-15	✓		
50	20 REC.	"	"	✓		
49	29 REC	"	"	✓		
77	47 REC.	"	"	✓		
77	52 REC.	9-15	9-16	✓		
57	2-3-4	9-17	9-17	✓		
57	28-35-36	"	"	✓		
57	40-41-43	"	"	✓		
58	2-5	"	"	✓		
58	16-17	"	"	✓		
58	24-25-26	"	"	✓		
58	41-52	"	"	✓		
58	56-57	"	"	✓		
59	2-3	"	"	✓		
59	13-14	"	"	✓		
59	17-18	"	"	✓		
59	32-33	"	"	✓		
75	28	9-22	9-22	✓		
75	28	9-30	9-30	✓		
37	29 REC.	10-1	10-2	✓		
39	33 REC.	"	"	✓		
80	2	10-3	10-3	✓		
48	26 REC.	10-6	10-7	✓		
75	42 REC.	"	"	✓		
10	5	10-15	10-16	✓		
33-A	58	"	"	✓		
37	29 REC.	"	"	✓		
52	59	10-17	10-17	✓		
45	19 TO 22	"	"	✓		
45	19 TO 22	10-22	10-22	✓		
63	11-12 REC	10-27	10-27	✓		
51	27	10-30	10-30	✓		
49	31	"	"	✓		
37	29	11-3	11-3	✓		
19	34	11-5	11-6	✓		
28	32 REC.	11-17	11-17	✓ PD		

PAGE	ORDER LINE	D.R. BOOK	P.D. BOOK	CHK.
2	35	8-11	8-11	✓
59	40-41	8-14	8-14	✓
60	60-61	8-19	8-19	✓
60	13	8-28	8-28	✓
22	26	9-4	9-5	✓
33-E	11-12-13	"	"	✓
51	9	"	"	✓
42	45-46	9-8	9-8	✓
6	43	9-11	9-11	✓
36	36-37 REC.	9-12	9-15	✓
58	27-28	9-17	9-17	✓
33-E	54	9-22	9-22	✓
68	29	9-23	9-23	✓
33-D	49	"	"	✓
11	35	9-24	9-25	✓
33-E	44-45 REC.	9-30	9-30	✓
37	44-45	10-13	10-13	✓
37	47-48	"	"	✓
56	44	10-17	10-17	✓
33-E	55	"	"	✓
66	50	10-21	10-21	✓
67	41	"	"	✓
19	34	10-22	10-22	✓
2	31	10-23	10-23	✓
36	63 TO 66	"	"	✓
28	7	"	"	✓
49	30-31	10-30	10-30	✓ PD

REPLACED MATERIAL AND E. D. CHARGES

Quantity	MATERIAL	PAT. No.	E. AND D. No.	CHARGE	ORDER No.			

REPLACED MATERIAL AND E. D. CHARGES

	Quantity	MATERIAL	PAT. No.	E. AND D. No.	CHARGE	ORDER No.				

REPLACED MATERIAL AND E. D. CHARGES

	Quantity	MATERIAL	PAT. No.	E. AND D. No.	CHARGE	ORDER No.				

PLATES

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 10—ASH PAN												
		Name of Plates												
✓ 1	1 SET	Ash Pan Material – ~~101-S-89740-Z~~ 10-M0-67	STEEL				M-116, GR. B		3-20 12-30			57 – 2-19 18		
2		~~Ash Pan Plates~~ ITEM 16 OF ABOVE B/M TO BE COLD PRESS. QUAL.					M-116, GR. C		3-20					✓
3		" " "												✓
4		" " "												
5		" " "												
6		" " "												
✓ 7	1	DAMPER BELL CRANK	STEEL	~~½~~ 3/8"	9"	20"	M-116, GR. B		6-20 3-27					
✓ 8	1	FRONT TOP SUPT.	"	½"	9"	15"	"		"			1-5 1-6		✓
9														
10														
11														
12														
13														
14														
15														
16														
17														
18		Oil Pan Material												
19		Oil Pan Plates												
20		" " "												
21		" " "												
22		" " "												
23		" " "												
24		" " "												
25														
26														
27														
28														
29														
30														
31														
32		**GROUP 12—BELL DETAILS**												
33			MATERIAL	Thick	WIDE	LONG	SPEC.							
34		Bell Ringer Support												
35		" " " Plate												
36		" Oper. Valve Bracket												
37		"												
38		"												
39		"												
40		"												
41														
42														
43														
44														
45		**GROUP 13 and 14—BOILER**												
46			MATERIAL	Thick	WIDE	LONG	SPEC.							
✓ 47	1 SET	Boiler Plate	13 – M.O. – ~~466~~ 467-A-B – FLANGE STEEL –				M-115-45	12-16	1-22 1-7 12-31 12-11					
48														
49														
✓ 50	1 SET	Firebox Plate	13 – M.O. – ~~466~~ 468-A – FIREBOX STEEL –				M-115-45, GR. A	"	1-7 12-31 "					
51														
52														
✓ 53	1 SET	Smoke Box Plate	13 – M.O. – ~~466~~ 467-A-B – TANK STEEL –				M-116-45, GR. B	"	1-22 1-7 12-31 "					
54		ANY MARKINGS APPLIED TO PLATES AT MILL MUST BE PAINTED ON WITH LEAD-FREE PAINT												
55		STAMP TO CD. 992-A-467, STARTING WITH SERIAL NUMBER 1						"	"					
56		FURNISH 4 CTR						"	"					
57														
58														
59		U.M. NOT REQ'D SHEET 1-13-47 S												
SUFF. FOR 20 ENGS. 60	2	TUBE SHEET RING	STEEL	2"	34"	84"	M-116, GR. B		1-7			51-14		
61		PLATE TO BE SUITABLE FOR FLAME CUTTING												
62														
✓ 63	1	BOILER BRACE ROD LUG	UNIV. MILD FLANGE ST.	11/16"	51 ~~54~~ 48"	78"	M-115	4-28	2-10 1-16			3-24		✓
64														
65														
66														

PLATES

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION						Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 15—BOLTS AND NUTS												
			Name of Plate	MATERIAL	Thick	WIDE	LONG	SPEC.							
	1														
	2														
	3														
	4														
	5														
	6														
	7														
	8		**GROUP 16—DRIVING BOXES**												
	9			MATERIAL	Thick	WIDE	LONG	SPEC.							
	10		Driving Box Oil Cover Plate												
	11		" " " " "												
	12		" " Hub Liner												
	13		" " Pedestal Liner												
	14		" " " "												
	15		" " Wearing Plate												
	16														
	17														
	18														
	19														
	20														
	21														
	22														
	23		**GROUP 17—BOXES—TRUCK**												
	24			MATERIAL	Thick	WIDE	LONG	SPEC.							
	25		Trailer Truck Oil Cover Plate												
	26		" " " " "												
	27		" " Hub Liner												
	28		" " Pedestal Liner												
	29		" " " "												
	30		" "												
	31	8	TDR. BOX LUB. PAD SUPT.	STEEL	1/8"	8 1/4"	10 1/2"	M-117, COMM.	10-23				THIS ORDER ONLY 9-3		✓
	32														
	33														
✓	34	1	Engine Truck Oil Cover Plate	H.R. STEEL SHEET	16 USSG	12"	24"	M-117-COMM.	2-19					8-59	
✓	35	1	" " BOX DUST SEAL	BRASS	1/8"	9"	13"		8-11				MKS. 4	8-52	
	36		" " Hub Liner												
	37		" " Pedestal Liner												
	38		" " Box Liner—Upper												
	39		" " " " Lower												
	40		" " Wearing Plate												
	41														
	42		**GROUP 18—BRACKETS**												
	43			MATERIAL	Thick	WIDE	LONG	SPEC.							
	44	1	Air Gauge ~~Stand~~ SHIELD	STEEL	16 USSG	9"	11"	M-117-COMM.	5-5					60-39	✓
	45		" " " Bracket												
✓	46	1	~~Back~~ ~~Pressure~~ ST. CHEST Gauge Stand	STEEL	1/4"	8 1/2"	8 1/2"	M-116, GR. B	3-10				182-S-26240	9-23	
	47		" " " " Br'k't												
	48		Booster Gauge Stand												
	49		" " " Br'k't												
FOR 10 ENGS ONLY	50	✓ 1	F.W.H. HOT PUMP BRKT.	STEEL	3/4"	~~32 1/2"~~ 28"	35 1/4"	M-116, GR. B	2-27 2-10					9-25	
FOR 10 ENGS ONLY	51	✓ 1	" " " Br'k't BRACE	"	3/4"	12 1/2"	32 1/2"	"	"					9-26	
	52		Inter. Valve Gauge Stand												
	53		" " " " Br'k't												
	54		Pyrometer Gauge Stand												
	55		" " " Br'k't												
✓	56	1	Steam Gauge Stand	STEEL	1/4"	8 1/2"	8 1/2"	M-116, GR. B	3-10				182-S-26241	9-22	
	57		" " " Br'k't												
FOR 10 ENGS ONLY	58	✓ 1	Steam Heat/ F.W.H. & STOR. Gauge Stand	STEEL	1/4"	15"	15"	M-116, GR. B	5-5 3-10				182-S-26240	9-21	✓
FOR 10 ENGS ONLY	59	1	" " & STOK " ~~Br'k't~~	"	1/4"	11"	16"	"	5-5					60-36	✓
	60		Stoker Gauge Stand												
	61		" " " Br'k't												
	62		Speed Recorder Stand												
	63		" " " Br'k't												
	64		Valve Pilot Stand												
	65		" " " Br'k't												
FOR 10 ENGS. ONLY	66	1 ✓	F.W.H. HOT PUMP BRACE	"	3/4"	6 1/4"	30"	"	3-19					9-42	

PLATES

ORDER_____

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 18—BRACKETS (Continued)												
		Name of Plates												
1		Bell Ringer Valve Br'k't												
2		Booster Air Line Valve Br'k't												
3		" Pilot Valve Br'k't												
4		" Slip Control Valve Br'k't												
5		Low Water Alarm Valve Br'k't												
6		Sander Valve Br'k't												
7		Train Control Valve Br'k't												
8		Whistle Valve Bracket												
9	1	OIL CAN HOLDER	STEEL	14 USSG	13" ~~16~~"	46" ~~47~~"	M-117 - COMM		5-5 3-10					
10	1	BLOW OFF COCK MUFF. BRKT.	"	½"	8"	43"	M-116, GR. B		3-18			9-20		
11	1	" " " " "	"	½"	9½"	18½"	"		"			9-39		
12 FOR 16 ENGS. ONLY	3	INJECTOR BRKT.	"	3/4"	12"	31"	"		4-01			9-40		
13	1	OIL CAN HOLDER	"	14 USSG	3"	38"	M-117 - COMM		5-5			60-32 & 34		
14	1	IND. BRAKE VALVE BRKT.	"	½"	9¼"	10"	M-116, GR. B		"			60-41		
15 FOR 16 ENGS. ONLY	1	INJ. STARTING VALVE BRKT.	"	3/8"	5"	7½"	"		5-14			60-45		
16	1	AIR PUMP LUB. BRKT.	"	5/8"	9¼"	17¼"	"		5-29			60-49		
17												60-50		
18														
19														
20														
21		**GROUP 19—BRAKE OPERATING**												
22			MATERIAL	Thick	WIDE	LONG	SPEC.							
23	~~1~~	Brake Valve Bracket												
24	~~1~~	" " "												
25		Brake Pedestal Bracket												
26		" " "												
27		" " " Brace												
28		Brake Feed Valve Bracket												
29		" " " "												
30		Brake Control Valve Bracket												
31		Brake Distributing Valve Bracket												
32		Brake Relief Valve Bracket												
33		Brake Signal Valve Bracket												
34		Brake Vent Valve Bracket												
35	1	ST. AIR VALVE BRKT.	STEEL	½"	8"	9¼"	M-116, GR. B		3-6			9-24		
36		Air Pump Bracket												
37		" " " Brace												
38	1	" GOVERNOR SUPT.	STEEL	3/8"	8"	9"	"		6-5					
39 SUFF. FOR 2 ENGS.	~~1~~	Air Pump Shield - ~~TOR~~	STEEL	~~12~~ USSG	~~28~~"	~~28~~"	M-117 - COMM.		4-14					
40	1	" " "	"	12 USSG	38"	41"	"		3-6			10-7		
41	1	" " " ~~Support~~ BRACE	"	3/16"	6"	9½"	"		"			10-8		
42		" " " "							4-11			10-9		
43														
44	1	Air Pump Drip Pan	STEEL	12 USSG	21"	34½"	M-117 - COMM.		3-6					
45		" " " "										10-3		
46		" " " " Support												
47														
48		Air Pump Strainer Support												
49														
50														
51														
52														
53														
54		**GROUP 20—BRAKE OPERATING**												
55			MATERIAL	Thick	WIDE	LONG	SPEC.							
56														
57														
58														
59														
60														
61														
62														
63														
64														
65														
66														

PLATES

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 21—BUMPER												
			Name of Plate												
	1		Bumper Plate												
	2		" "												
	3		" " Support												
	4		" " "												
	5		" " Brace												
	6		" " "												
✓	7	1	" DECK	SUPER DIAMOND	3/16"	34 34"	114 114"	M-116, GR. B		2-12 2-5					
✓	8	1	" FRONT	HOT PRESSING QUAL. ST.	5/8"	35½"	114"	"		2-12			10-38		
✓	9	X	" " END	STEEL	3/8"	74"	20"	"		4-10 "			10-39		
✓	10	1	" DECK SUPT.	STEEL	¼"	17"	50"	"		4-10			MRS. 2 10-40		✓
	11												10-41		✓
	12														
	13														
	14		**GROUP 22—CAB**												
	15			MATERIAL	Thick	WIDE	LONG	SPEC.							
	16	1 SET	Cab Plate M.O. DWG. 221-S-87	600, LIMA REV. 1				M-117 - COMM.		6-16 4-7					
✓	17	4	Cab Plates - ROOF	STEEL	12 USSG	32"	89" 79"	M-117 - COMM.	4-7	1-9 12-26			61-2		✓
✓	18	2	" " - "	"	"	57"	89" 79"	"	"	" "			61-3		✓
✓	19	4	" " - "	"	"	39"	146"	"	"	"			61-4		✓
✓	20	2	" " - SIDE	"	"	60"	84" 74"	"	"	1-9 "			61-5		✓
✓	21	2	" " - FRONT	"	"	27"	68"	"	"	"			61-6		✓
✓	22	4	" " - "	"	"	40"	120"	"	"	"			61-7		✓
✓	23	2	" " - BACK	"	"	37"	70"	"	"	"			61-8		✓
✓	24	4	" " - "	"	"	34"	120"	"	"	"			61-9		✓
	25		" "												
	26		" "												
	27		" "												
	28		"												
	29		"												
	30		"												
	31		"												
	32		"												
	33														
	34														
	35														
	36														
	37														
	38														
	39														
	40														
	41		**GROUP 23—CAB DETAILS**												
	42			MATERIAL	Thick	WIDE	LONG	SPEC.							
	43		Cab Corner Plate												
	44		" " "												
	45		" Plate												
	46		" Sash Guides												
	47		" " "												
	48		" " "												
	49		" " "												
	50		" " " Strips												
	51		" " " "												
✓	52	2	" Arm Rest Plate - BASE	STEEL	16 USSG	5"	25"	M-117 - COMM.		1-9			11-57		
	53		" " " "												
	54		" " " " Support												
	55		" " " " "												
	56		Cab Ventilator Plate Center												
	57		" " " "												
	58		" " " "												
	59		" " " "												
	60		Cab Ventilator Plate Sides												
	61		" " " "												
	62		" " " "												
✓	63	2	" " RUNNER	"	12 USSG	7½"	72"	"		4-7 3-14			62-8		✓
	64		Cab Wind Deflector												
	65		" " "												
	66		" " " Support												

PLATES

ORDER_____

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 23—CAB DETAILS (Continued)												
		Name of Plate												
✓ 1	2 /	Cab Bracket	STEEL	~~13/16~~ 1/4"	36"	~~44~~ 113"	M-116, GR. B		1-9 12-26			11-50		
2		" "												
3		" "												
4														
5		Cab Saddle												
✓ 6	2	" KNEE	"	1/2"	10"	14"	"		2-14			11-56		
7														
✓ 8	1	Cab Apron	SUPER-DIAMOND	3/16"	20"	104"	M-116, GR. B		2-5			11-49		
9														
10		Cab Deck Side Sheet												
11		" " " "	Dec P. 13, 4, 26 to 28											
12		" Firing Deck												
13		Cab Side Step												
14		" " " Tread												
15														
16		Cab Tool Box												
17		" " "												
18		" " "												
19		" " "												
20														
21		Cab Seat—Engineer's												
22		" "												
23		" "												
24		" "												
25														
26														
27		Cab Seat—Fireman's												
28		" "												
29		" "												
✓ 30	2 X 2	" " BACK REST - ~~ENGR.~~ FIREMAN'S E.&	STEEL	1/4"	8"	33"	M-116, GR. B	3-6 2-13	1-31 1-9			11-55		
31		" "												
32														
33														
34														
35		Cab Seat—Brakeman's												
✓ 36	2 X 2	" " - ~~HELPERS~~ E. & F.	~~E. & F.~~ STEEL	1/8"	8"	8"	M-117-COMM.	3-6 2-13	1-31 1-9			11-61		
37		" "												
38		" "												
39														
40														
41		Cab Curtain Hood Plate												
42		" " " "												
43														
44		Cab Curtain Plate												
45														
46		Cab Radiator Support												
47		" " "												
48														
49		Cab Flag, Fusee and Torpedo Box												
50		" " " " " "												
51		" " " " " "												
52		" " " " " "												
53														
54		Cab Inspection Card Frame												
55		" " " "												
56														
57		Cab Luggage Rack												
58		" " "												
59		" " "												
60														
✓ 61	2	REAR SLIDING DOOR	STEEL	12 USSG	33 1/2"	79"	HOT ROLLED, PICKLED AND OILED		1-30					
✓ 62	2	POCKET OVER ~~WINDOWS~~	"	~~12~~ USSG	12"	70"	M-117 - COMM.		4-7 2-14					11-65
✓ 63	1	DOOR STOP & HANDLE BET.	"	1/4"	8"	14"	M-116, GR. B		3-19					11-66
✓ 64	4	" — CAB &	"	1/8"	16"	36 1/2"	M-117 - COMM.		"			MKS. 2		11-52
✓ 65	2	" SUPT. TOR.	"	3/16"	10"	33"	"		"					11-53
66														11-54

PLATES

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION						Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 24—BOOSTER AND DETAILS												
			Name of Plate	MATERIAL	Thick	WIDE	LONG	SPEC.							
	1		Booster King Pin Washer												
	2														
	3		Booster Pilot Valve Bracket												
	4														
	5		Booster Preliminary Valve Bracket												
	6														
	7		Booster Throttle Valve Bracket												
	8		" " " Bracket Brace												
	9														
	10		Booster Manifold Bracket												
	11														
	12		Booster												
	13														
	14														
	15														
	16														
	17														
	18														
	19														
	20		**GROUP 26 and 27—COCKS AND VALVES**												
	21			MATERIAL	Thick	WIDE	LONG	SPEC.							
	22		Water Column Support												
	23		Water Gauge Support												
	24		Cylinder Cock Oper. Valve Bracket												
	25		Sander Oper. Valve Support												
	26		Universal Joint Gear Box Support												
	27														
	28		Valve Extension Handle Guide												
	29		" " " "												
	30		" " " " Support												
	31		" " " " Bracket												
	32														
	33														
	34														
	35														
	36		**GROUP 28—COCK RIGGING**												
	37			MATERIAL	Thick	WIDE	LONG	SPEC.							
	38		Blow Off Cock Rigging Plate												
	39		" " " Lever Support												
	40		" " " Bearing												
	41														
	42		Blow Off Cock Muffler Support												
	43	2	" " " " DEFLECTOR	STEEL	1/8"	6 1/2"	12 1/2	M-117 - COMM		9-11				71-59	
	44														
	45		Cylinder Cock Lever Fulcrum												
	46		" " Rod Support												
	47		" " Oper. Cyl. Support												
	48														
	49														
	50														
	51														
	52		**GROUP 29—CRANK PINS**												
	53			MATERIAL	Thick	WIDE	LONG	SPEC.							
	54		Crank Pin Collars F												
	55		" " " I												
	56		" " " B												
	57		" " "												
	58														
	59														
	60														
	61														
	62														
	63														
	64														
	65														
	66														

PLATES

ORDER_____

Item	Amt. for One Engine	DESCRIPTION						Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 30—CROSSHEAD												
		Name of Plate	MATERIAL	Thick	WIDE	LONG	SPEC.							
1		Crosshead Wrist Pin Washers												
2		" " " PLATES	FL. QUAL. ST.				M-115							
3		"												
4		" LINERS	PHOS. BRONZE											
5														
6														
7														
8														
9		**GROUP 31 and 32—CYLINDER AND DETAILS**												
10			MATERIAL	Thick	WIDE	LONG	SPEC.	OBS 2-11						
✓ 11	4	Cylinder Head Casing F & B	HOT PRESSING COLD FLANGE QUAL. STEEL	3/16"	x 44"	DIA.	M-116, GR. B & C		2-10 12-23			15-44		
12		" " " B												
13		" " "												
14		" " "												
✓ 15	4	" " JACKET	H.R. STEEL	22 USSG	27" DIA.		M-117 - COMM.	OBS 2-11	12-23			15-48		
✓ 16	4	Steam Chest Casing F & B	HOT PRESSING COLD FLANGE QUAL. STEEL	3/16"	x 27"	DIA.	M-116, GR. B & C		2-10 12-30			41-30		
17		" " " B												
18		" " "												
19		" " "			ORD. ST. IN FUTURE									
20							H. SHEET 2							
21		Cylinder Head Disc												
22		" " "												
23														
24		Steam Chest Head Disc												
25		" " " "												
26														
27		Valve Rod Crosshead Guide Liners	C.R. St.											
28		" " " " "												
✓ 29	2	CYLINDER CASING	~~C~~ R. STEEL	16 USSG	48" ~~38½~~"	120" ~~117~~"	McCOY M-117 - COMM.		2-12					
✓ 30	1	" " (BOTTOM)	H.R. "	16 USSG	22"	28"	"		12-23			15-49		
✓ 31	2	" " (OVER PORTS)	"	18 USSG	28"	30"	"		2-12			15-50	MKS 2	
✓ 32	1	" " SLIDE	"	16 USSG	13"	24"	"		"			15-51	MKS. 4	
33		**GROUP 33—CYL. COMPOUND ATTACHMENTS**										15-52	MKS. 2	
34			MATERIAL	Thick	WIDE	LONG	SPEC.							
35														
36														
37														
38														
39														
40														
41														
42														
43		**GROUP 34—CYL. BY-PASS AND RELIEF VALVES**												
44			MATERIAL	Thick	WIDE	LONG	SPEC.							
45														
46														
47														
48														
49														
50		**GROUP 36—DOME**												
51			MATERIAL	Thick	WIDE	LONG	SPEC.							
52		Dome Casing—Top	SEE P. 13, L. 45-56-57											
53		" " Bottom												
54		" " Butt Strip												
55		" " Flow Bowl												
56														
57														
58														
59		Auxiliary Dome Casing												
60														
61														
62														
63														
64														
65														
66														

PLATES

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 37—DRAWGEAR—ENGINE												
			Name of Plate												
	1		Draw Bar Keeper Plate												
✓	2	1	" " "	STEEL	½"	7½"	13¾"	M-116, GR. B		2-28			17-3		
	3														
	4														
	5														
	6														
	7														
	8														
	9														
	10														
	11														
	12														
	13														
	14		**GROUP 40—ENGINE TRUCK**												
	15			MATERIAL	Thick	WIDE	LONG	SPEC.							
	16		Engine Truck Pedestal Liners	SEE P. 47, L. 53											
	17		" " " "												
	18		Center Plate Washer												
	19		Radius Bar Keeper												
	20	1	SUFF. FOR 20 ENGS. " " WASHER	STEEL	~~¾~~ 1¼"	~~36~~ 34"	~~30~~ 42"	M-116, GR. B SFFC		3-10 2-10			MKS. 20		18-9
✓	21	1	RAIL GUARD	"	1"	13"	37"	M-116, GR. B		3-3			" 2		18-10
	22														
	23														
	24														
	25														
	26														
	27														
	28														
	29		**GROUP 41—TRAILER TRUCK**												
	30			MATERIAL	Thick	WIDE	LONG	SPEC.							
	31		Trailer Truck Pedestal Liners												
	32		" " " "												
	33		Center Plate Washers												
	34		Radius Bar Keeper												
B	35	1	~~TRAILER TRUCK FRAME~~	~~STEEL~~	~~1¼"~~	~~24"~~	~~30"~~	~~M-116, GR. B~~		~~5-20~~					
	36														
	37														
	38														
	39														
	40														
	41														
	42		**GROUP 44—EXHAUST PIPE**												
	43			MATERIAL	Thick	WIDE	LONG	SPEC.							
	44														
	45														
	46														
	47														
	48														
	49														
	50														
	51		**GROUP 45—FIRE DOOR AND DETAILS**												
	52			MATERIAL	Thick	WIDE	LONG	SPEC.							
	53		Fire Door Damper												
	54		" " Plate												
	55														
	56														
	57														
	58														
	59														
	60														
	61														
	62														
	63														
	64														
	65														
	66														

PLATES

ORDER_____

Item	Amt. for One Engine	DESCRIPTION						Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 46 AND 47—FRAME AND DETAILS												
		Name of Plate	MATERIAL	Thick	WIDE	LONG	SPEC.							
✓ 1	2	Waist Sheet	STEEL	1/2"	22"	40"	M-116, GR. B		2-3			21-7		
2		" "												
3		" "												
4		" "												
✓ 5	1	EXPANSION SHEET - BACK	"	~~5/8~~ 5/8"	37"	75"	"	5-5	2-12 2-3			21-3		
6														
7		Furnace Bearer Sheet F												
8		" " " F												
9		" " " B												
10		" " " B												
11														
✓ 12	X	~~LIFTING SUPT. DETAIL~~	"	~~5/8"~~	~~6 1/2"~~	~~28"~~	"		5-5 4-21			MKS. 2 F & 2 B. GSTS. 21-12		✓
13		Spring Hanger Wearing Plate												
14		" " " "												
15		" " " "												
16		" " " "												
17														
18		Furnace Bearer Shoe Clamp Plate												
19		" " " " "												
20														
21														
22		Hinge Casting Pin Keeper												
✓ 23	~~2~~	FRAME SHOE LINER	PHOSPHOR BRONZE	~~3/8"~~	~~5 1/2"~~	~~19 7/8"~~	GRADE "A" 4 NUMBERS HARD		1-31 1-13			RIVERSIDE M. CO. 20-44		
✓ 24	10~~8~~	" " "	"	3/8"	5 1/2"	19 3/8"	"		" "			" 45		
✓ 25	~~2~~	" WEDGE "	"	~~3/8"~~	~~5 1/2"~~	~~16 11/16"~~	"		" "			" 46		
✓ 26	10~~8~~	" " "	"	3/8"	5 1/2"	16 3/16"	"		" "			" 47		
✓ 27		TOLERANCES: WIDTH MINUS .000" PLUS .010" - LENGTH MINUS .000" PLUS 1/32" - GAUGE PLUS OR MINUS .005"												
28														
29		**GROUP 50—GUIDES**												
30			MATERIAL	Thick	WIDE	LONG	SPEC.							
✓ 31	2	Guide Yoke Sheet	STEEL	1/2"	22"	40"	M-116, GR. B		2-3			22-14		
32		" " "												
33														
34	1	Guide Liners F	C.R.S. STRIP	1/8"	3 1/2"	23"	M-117 - COMM.		2-6			MKS. 2 22-15 B		
35	1	" " F	"	1/8"	3 1/8"	23"	"		"			" 2 " B		
36	1	" " B	"	1/8"	6"	37"	"		"			" 4 22-16 B		
37	1	" " B	"	1/4"	6 1/2"	18 1/2"	M-116, GR. B		"			" 2 22-17 B		
38														
39														
40														
41														
42														
43														
44														
45														
46		**GROUP 52—GRATES**												
47			MATERIAL	Thick	WIDE	LONG	SPEC.							
48		Grate Lever Cover												
49		" " "												
50														
51														
52														
53		**GROUP 53—HANDRAILS AND STEPS**												
54			MATERIAL	Thick	WIDE	LONG	SPEC.							
✓ 55	4	Running Board Step - FRONT	STEEL	1/4"	8"	58"	M-116, GR. B		12-30			23-23		
✓ 56	1	" " " - "	SUPER-DIAMOND	3/16"	24"	36"	" (MKS. 4)		"			23-24 MKS. 4		
57		" " " Treads												
58		" " " "												
59														
60		Guide Step												
61														
62		Headlight Step												
~~63~~	1	SANDBOX & DYNAMO STEPS	STEEL	1/2"	13"	36 1/2"	"		4-30					✓
64		Pilot Step										60-10		
65														
66														

PLATES

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 54—HEADLIGHT LAMPS, ETC.												
			Name of Plate	MATERIAL	Thick	WIDE	LONG	SPEC.							
	1		Dynamo Bracket												
✓	2	1	" SHELF	STEEL	3/8"	11½"	28"	M-116, GR. B		4-24			55-19		✓
	3		Headlight Shelf												
	4		" " Bracket												
✓	5	X	" SWITCH SUPT.	"	¼"	7"	8½"	"		10-15 4-30			55-35		✓
	6		Number Plate Indicator												
	7		" " "												
	8		" " " Support												
	9														
	10														
	11		Classification Lamp Bracket												
✓	12	2	MARKER LAMP ROUNDEL HOLDER	STEEL	16 USSG	7"	15"	M-117 — COMM.		3-3			MKS.4 23-57 & 23-61		✓
✓	13	1	PRESS. PLATE INSERT	BRASS PLATE	⅛"	5/8"	2"	—		4-11			24-60		✓
	14		Headlight Housing												
	15		" "												
	16														
	17														
	18		Train Control Bracket												
	19		" " Support												
	20		" " Acknowledging Box												
	21		" " " "												
	22		" " " "												
	23														
	24														
	25														
	26														
	27		**GROUP 55—INJECTOR AND FEED WATER**												
	28			MATERIAL	Thick	WIDE	LONG	SPEC.							
	29		Injector Bracket												
	30		" "												
	31		" Cab Stand Plate												
	32														
	33		Strainer Bracket												
	34		" "												
	35	1	FOR 10 ENGS. ONLY F.W.H. STEAM SEPARATOR	STEEL	3/8"	6¼"	12½"	M-116, GR. B		2-19			MKS. 2 65-18		✓
	36		Injector Overflow Deflector Support												
	37	1	FOR 10 ENGS. ONLY F.W.H. CASING - BACK CTR.	STEEL	3/16"	21¼"	22¾"	M-116, GR. B		2-13			65-3		✓
	38	2	" " - FRONT SIDES	"	3/16"	22½"	23"	"		"			-4		✓
	39	2	" " - BACK - "	"	3/16"	21¾"	24⅞"	"		"			-5		✓
	40	2	" " - BOT. R. & L.	"	3/16"	16¾"	29¾"	"		"			-6		✓
	41	2	Feed Water Heater Casing "	"	3/16"	8"	16¾"	"		"			-7		✓
	42	1	" " " - FRONT CTR.	"	3/16"	21¼"	22½"	"		"			-2		✓
	43	1	DEL. PIPE BAF. PAN - BOT.	STEEL	¼"	20"	43"	M-116, GR. B		1-31			26-32		✓
	44	2	" " " " - "	"	¼"	20"	36"	"		"			TO BE WELDED 26-33		✓
	45	1	" " " " - FLANGES	"	¼"	44"	78"	"		"			26-34		✓
	46	1	" " " " - "	"	¼"	38"	90"	"		"			26-35		✓
	47		**GROUP 57—LAGGING AND JACKET**												
	48			MATERIAL	Thick	WIDE	LONG	SPEC.							
	49	34	Boiler Jacket	SHEET STEEL	18 USSG	~~48~~ ~~30~~"	120" ~~60~~"	M-117 - COMM.		7-12 7-15			27-6		✓
	50	~~15~~	" "	"	"	~~30~~"	~~72~~"	"		" "			27-7		
	51	~~12~~	" "	"	"	~~30~~"	~~96~~"	"		" "			27-8		
	52	~~8~~	" "	"	"	~~36~~"	~~66~~"	"		" "			27-9		
	53	12	" " - B.H. CORNERS	C.R. STEEL	22 USSG	48" ~~30~~"	120" ~~84~~"	"		" "			27-10		✓
	54	1	" " ~~Bands~~ LINERS	H.R. "	22 USSG	48"	120"	"		"					
	55	1	JACKET LINER	STEEL	3/16"	7"	8¼"	M-116,		5-5			27-13		✓
	56		Cylinder Jacket - SEE P. 7, L. 29-32												
	57		" HEAD JACKET SEE P. 7, L. 15												
	58	1	CYL. OIL STUD POCKET & COVER	H.R. STEEL	16 USSG	30"	60"	"		6-9			27-12		✓
	59		Pipe Covering Jacket	20 USSG											
	60		" " "												
	61		" " "												
	62														
	63		TEST PLATE THIMBLES	C.R.S.											
	64														
	65														
	66														

PLATES

ORDER_____

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck
		GROUP 57—LAGGING AND JACKET (Continued)												
		Name of Plate												
1		Sky Line Casing												
2		" " "												
3		" " "												
4		" " "												
5		" " "												
6		" " "												
7		" " "												
8														
9														
10		Stream Line Casing												
11		" " "												
12		" " "												
13		" " "												
14		" " "												
15		" " "												
SUFF. FOR 20 ENG. 16	X	~~PRESS.~~ PLATE CASING	STEEL	~~16~~ USSG	~~36~~"	~~36~~"	M-117-COMM.		4-1 3-19			27-14-15		
17														
18														
19	1	LINK & BLOCK	STEEL	2¾"	25½"	46½" 45"	SAE 1050		3-27 1-8			28-24		
20		GRAIN TO RUN WITH 46½" 45" DIMENSION - PLATE TO BE							4"			MKS. 2 LINKS & 2 BLOCKS		
21		SUITABLE FOR FLAME CUTTING ✓							1					
22														
23		**GROUP 59—OIL CUPS AND LUBRICATOR**												
24			MATERIAL	Thick	WIDE	LONG	SPEC.							
25		Oil Can Holder												
26		" " "												
27		" " "												
28		" " "												
29	X	~~M.&S. ROD~~ OIL CUP COVER	STEEL	~~3/8~~"	~~17~~"	~~27~~"	M-116, GR. B		4-1 3-19			MKS. 18	29-47	
30														
31		Lubricator Bracket												
32		" " Brace												
33	1	LUB. OIL ANGLE SUPT.	STEEL	3/8"	6"	14"	"		5-7				70-38	
34		Flange Lubricator Support												
35	1	OIL DIST. SHIELD	"	3/16"	30½"	30½"	"		9-24				73-64	
36														
37		Mechanical Lubricator Support												
38		" " " Plate												
39														
40														
41		Terminal Check Support												
42		" " "												
43														
44														
45		**GROUP 60—OIL BURNER ATTACHMENTS**												
46			MATERIAL	Thick	WIDE	LONG	SPEC.							
47		Oil Burner Supports												
48														
49		Oil Heater Cover Plate												
50														
51		Oil Feed Quadrant Support												
52														
53		Oil Manifold Casing												
54		" " Support												
55														
56														
57														
58														
59														
60														
61														
62														
63														
64														
65														
66														

PLATES

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION						Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 62—PILOT												
			Name of Plate	MATERIAL	Thick	WIDE	LONG	SPEC.							
	1		Pilot												
	2		"												
	3		"												
	4		" Bottom												
	5		" Corner Plates												
	6		" Bands												
	7														
	8														
	9		Pilot Support												
	10		" "												
	11		" Brace												
	12		" "												
	13														
	14		Snow Plow												
	15		" " Supports												
	16														
	17														
	18														
✓	19	1	ESCUTCHEON PLATE SUPT. - TDR.	STEEL	3/8"	9½"	14"	M-116, GR. B	5-23					71-23	✓
✓	20	1	" " " - "	"	3/8"	7"	14"	"	"					71-24	✓
	21		**GROUP 63 and 64—PIPE FITTINGS**												
	22			MATERIAL	Thick	WIDE	LONG	SPEC.							
	23		Pipe Manifold Support												
	24		" " "												
SUFF. FOR 20 ENG.	25	9	SAND PIPE SUPT.	STEEL	½"	36"	45"	M-116, GR. B	4-11					69-15	✓
	26		Pipe Clamp Brackets												
	27	1	ST. HEAT CONN. FORK	"	5/16"	7"	16"	"	5-14				MKS. 8	70-63	✓
	28	1	LUB. ATOMIZER SUPT.	"	½"	6½"	9"	"	"					70-10	✓
	29	1	FLEX. JT. SUPT. - STOKER - TDR.	"	½"	7"	10¾"	"	5-1					69-23	✓
	30		Pipe Clamp Supports												
FOR 10 ENGS. ONLY	31	1	F.W.H. PIPE SUPT.	"	3/4"	8"	11"	"	4-21					69-54	✓
	32	1	FLEX. JT. SUPT. - ST. HEAT	"	½"	6¾"	8¾"	"	4-17					69-38	✓
✓	33	1	FLEX. JOINT SUPT. - ST. HEAT TDR.	STEEL	½"	6¾"	11"	M-116, GR. B	4-11					69-24	✓
FOR 10 ENGS. ONLY	34	1	F.W.H. PIPE FITT.	STEEL	1⅛"	6¾"	6¾"	M-116, GR. B	2-10				632-5-106810	68-56	
FOR 10 ENGS. ONLY	35	1	" COLD PUMP FLANGE	"	1½"	7¾"	7¾"	"	2-18 2-14				ORD. IN MULT.	68-57	
	36		**GROUP 65—PISTON AND ROD**												
	37			MATERIAL	Thick	WIDE	LONG	SPEC.							
	38														
	39														
	40														
	41														
	42														
	43														
	44		**GROUP 68—REVERSE LEVER DETAILS**												
	45			MATERIAL	Thick	WIDE	LONG	SPEC.							
	46		Reverse Lever Support												
X	47	X	~~Power~~ Reverse Cyl. Support	STEEL	~~½"~~	~~23½"~~	~~32"~~	~~M-116, GR. B~~	~~4-11~~					~~35-62~~	
	48		" " " " Brace												
	49		" " Hand Lever Bracket												
	50	1	REV. SCREW GEAR SUPT - B.	STEEL	3/4"	6¾"	16"	M-116, GR. B	7-21					63-35	✓
	51		Reverse Lever Fulcrum												
✓	52	1	" SCREW GEAR SUPT. - F.	STEEL	3/4"	6¾"	9"	M-116, GR. B	4-11					63-60	✓
	53		Power Reverse Cyl. Casing												
	54		" " " Head Casing												
	55		" " " " "												
✓	56	1	REV. SCREW CATCH	STEEL	3/4"	7¼"	7¼"	M-116, GR. B	4-11					63-36	✓
SUFF. FOR 20 ENG.	57	2	" " INDICATOR	SHEET BRASS	⅛"	2⅛"	17"	—	"					63-40	✓
✓	58	1	" " XHD. LINER	STEEL	26 USSG	5¾"	30"	M-117 - COMM.	"					63-55	✓
	59		**GROUP 69—REVERSE SHAFT**												
	60			MATERIAL	Thick	WIDE	LONG	SPEC.							
	61	1	REACH ROD GUIDE	STEEL	3/4"	7"	12"	M-116, GR. B	4-23					58-37	✓
SUFF. FOR 20 ENG.	62	1	" " "	"	3/4"	21½"	100"	M-116, GR. B SFFC	5-7					58-47	✓
	63														
	64														
	65														
	66														

PLATES

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 71—RUNNING BOARDS												
		Name of Plate												
1		Running Board M.O.												
2														
✓ 3	4	Running Board Plate	SUPER-DIAMOND	3/16"	24"	146"	M-116, GR. B		12-26			36-50		
✓ 4	2	" " "	"	3/16"	24"	138"	"		"			36-51		
5		" " "												
6		" " "												
7		" " "												
8		" " "												
9		" " "												
10		" " "												
11														
12		Cab Board												
13		" "												
14		Running Board Skirting												
15		" " "												
16		" " "												
17		" " "												
18		" " "												
19		" " "												
20		" " "												
21		" " "												
22														
23		Side Sheet												
24		" "												
25														
✓ 26	1	DECK	STEEL	3/16"	34"	126"	M-116, GR. B		1-17			MKS. 2	36-46	
✓ 27	1	"	"	3/16"	45"	56"	"		"				36-47	
✓ 28	1	"	SUPER-DIAMOND	3/16"	20"	28"	"		2-21			MKS. 2	36-48	
✓ 29	1	"	"	3/16"	7½"	54"	"		3-28			USE WASTE FROM ITEM 4 ABOVE	36-49	✓
30		**GROUP 72—RODS**												
31			MATERIAL	Thick	WIDE	LONG	SPEC.							
32		Knuckle Pin Washer												
33		" " "												
✓ 34	2	MAIN ROD F. STUBLINER	STEEL	3/4"	5"	6"	M-116, GR. B		3-19				37-26	✓
35														
36														
37														
38														
39		**GROUP 73—SAND BOX**												
40			MATERIAL	Thick	WIDE	LONG	SPEC.							
✓ 41	1	Sand Box Top & SIDES	STEEL	1/8"	48"	68"	M-117 - COMM.		12-26				38-3	
✓ 42	1	" " - FRONT	"	1/8"	10"	66"	"		"				38-4	
✓ 43	1	" " - BACK	"	3/16"	16"	40"	M-116, GR. B		"				38-5	
✓ 44	1	Sand Box ~~Body~~ BASE	" PRESSING	1/4"	52"	70"	"		"				38-6	
✓ 45	1	" " & DOME CASING - TOP ENDS	HOT FLANGING QUAL. ST.	3/16"	54" DIA.		M-116, GR. B		2-10				38-7	
46		" " "												
47		Sand Box Butt Strips	ORD. ST. IN FUTURE											
48		" " " "												
49														
50		Sand Box Base Plates												
51		" " " "												
52														
✓ 53	1	Sand Box Gusset Plate	STEEL	3/16"	10"	11"	M-116, GR. B		2-10				38-16	
54		" " " "												
55														
✓ 56	1	DOME CASING - BACK	STEEL	1/16"	12"	68"	M-117 - COMM.		12-26				38-8	
✓ 57	1	" " - TOP & SIDES	"	1/8"	21"	74"	"		"				38-9	
✓ 58	2	SAND BOX COVER	"	1/8"	15"	24"	"		"				38-10	
59														
60														
61														
62														
63														
64														
65														
66														

PLATES

ORDER

Ck.	Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 75—SMOKE BOX												
			Name of Plate												
✓	1	1	Deflecting Plates - HALF MOON	STEEL	3/16"	22"	~~74~~ 72"	M-116, GR. B		1-27 12-23			38-44		
✓	2	1	" " - VERTICAL	"	3/16"	36"	~~82~~ 78"	"		" "			38-45		
✓	3	1	" " - TABLE	"	3/16"	24"	~~75~~ 72"	"		" "			38-46		
✓	4	1	" " - FILLER	"	3/16"	4½"	50"	"		4-30			38-47		✓
✓	5	2	" " - UPPER SUPT. END	"	3/16"	8½"	26"	"		8-21 5-2			CUT FROM ITEM 2 ABOVE		38-48 ✓
✓	6	1	" " - " " CTR.	"	3/16"	11"	25"	"		"			38-49		✓
	7		" " Stiffener												
	8	1	CINDER DEFLECTOR PLATE	"	½"	14"	42"	"		5-5			38-52		✓
✓	9	1	Smoke Box Deflector Plate	"	3/8"	29"	55"	"		12-23			38-58		
FOR 10 ENG. ONLY	10	1	✓ " " NETTING SUPT.	"	3/16"	24"	72"	"		12-23			38-56		
✓	11	1	" " " "	"	¼"	5"	76"	"		5-2			38-53		✓
	12		Smoke Box Table Plate												
	13		" " " "												
	14		" " " "												
	15														
	16														
	17		Smoke Box Damper Plate												
	18		" " " "												
	19		" " " "												
	20														
✓	21	1	Smoke Box Cover Plate	"	3/8"	~~36~~ 30"	72"	"		1-23 1-2			38-61		
✓	22	1	" " " " POCKET	"	3/8"	12"	60"	"		5-2			38-62		✓
	23		" " " "												
	24		" " " "												
	25														
	26														
✓	27	1	Smoke Box Front	~~FLANGE~~ STEEL	5/8" x	~~82¾~~ 83"	DIA.	M-116, GR. B ~~M-115~~		1-29 1-22 12-23			38-57		
✓	28	1	" " " Door	FLANGE STEEL	3/8" x	71½"	DIA.	M-115		~~1-22~~ 1-29	1-22	1-29	38-59		
✓	29	1	" " " " Liner	STEEL	~~¼~~ 3/8" x	~~63½~~ 61¼"	DIA.	M-116, GR. B		1-29	1-22	"	38-60		
✓	30	1	" " " REINF. RING	"	½"	73½"	DIA.	"		3-3			38-63		
✓	31	1	" " LIFTING LUG	"	¾"	14"	15"	"		3-19			38-55		
	32														
	33		Smoke Stack Spark Whirl												
	34														
	35														
	36		**GROUP 76 and 77—SPRINGS AND SPRING RIGGING**												
	37			MATERIAL	Thick	WIDE	LONG	SPEC.							
	38		Re-Eqpdyes - Hdcwe St.												
	39														
	40														
	41		NO FLAME CUTTING												
	42														
	43														
	44														
	45														
	46		**GROUP 78—STEAM GAUGE, SAFETY VALVES AND TURRETS**												
	47			MATERIAL	Thick	WIDE	LONG	SPEC.							
✓	48	1	Safety Valve Casing RING	STEEL	3/16"	18"	28"	M-116, GR. B		2-19					42-6
✓	49	1	" " " "	"	3/16"	5"	51"	"		"					42-7
	50		" " "												
	51														
	52		Steam Gauge Stand												
	53		" " " Support												
	54														
	55		Steam Turret Casing												
	56		" " "												
	57		" " "												
	58		" " "												
	59														
	60														
✓	61	1	CAB TURRET DRY PIPE SUPT.	STEEL	½"	6½"	7"	M-116, GR. B		2-19					41-49
✓	62	1	" " " " "	"	½"	6½"	9"	"		"					41-50
	63	1	" " BRACE	"	½"	2"									
	64														
	65														
	66														

PLATES

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 79—STEAM PIPES												
		Name of Plate	MATERIAL	Thick	WIDE	LONG	SPEC.							
✓ 1	2	Steam Pipe Casing – BODY	STEEL	1/8"	24"	50"	M-117-COMM.		1-8			42-41		
✓ 2	2	" " " – DIAPHRAGM	"	1/8"	15 1/4"	DIA.	"		"			42-42 CUT FROM FLANGE WASTE		
✓ 3	2	" " " – WRAPPER	"	18 USSG	36"	50"	✓ "		"			42-43		
✓ 4	2	" " " – FLANGE	"	1/8"	20"	26"	"		"			42-44		
✓ 5	2	" " " – INSIDE LINER	"	1/8"	20"	24"	"		4-28			42-66		L
6		See P. 33-C, L. 32												
7														
8														
9		**GROUP 80—STOKER**												
10			MATERIAL	Thick	WIDE	LONG	SPEC.							
11		Stoker Manifold Support												
12		" " Shield	SUPER DIAMOND											
13														
14														
15														
16														
17														
18														
19														
20														
21		**GROUP 81—SUPERHEATER**												
22			MATERIAL	Thick	WIDE	LONG	SPEC.							
✓ 23	2	Superheater Header SUPT.	STEEL	1"	10"	14"	M-116, GR. B		1-23					
✓ 24	1	HEADER JOINT SHIELD & ENDS	"	1/2"	~~6 3/4~~ 12 1/2"	~~88~~ 89"	"		1-29			42-45		
25		Superheater Unit Shield Plate										42-46		
26		" " " "												
27														
28		Superheater Cinder Shield												
29		" " "												
30														
31		Superheater Pipe Support												
32		" " "												
33		" " " Bracket												
34														
35														
36														
37														
38														
39														
40		**GROUP 82—TANK VALVES**												
41			MATERIAL	Thick	WIDE	LONG	SPEC.							
✓ 42	1	TANK VALVE EXT. FLANGE	STEEL	3/4"	8"	34"	M-116, GR. B		2-10			MKS. 4	43-18	
43														
44														
45														
46														
47														
48														
49		**GROUP 83—TANK ENGINE**												
50			MATERIAL	Thick	WIDE	LONG	SPEC.							
51														
52														
53														
54														
55														
56														
57		**GROUP 84—TENDER BRAKE**												
58			MATERIAL	Thick	WIDE	LONG	SPEC.							
SUFF. FOR 20 ENGS. ✓ 59	10	CYLINDER LEVER	STEEL	1"	24"	34"	SFFC M-116, GR. B		4-3			EACH MKS. 4	44-28	
SUFF. FOR 20 ENGS. ✓ 60	10	TRUCK LEVER	"	1"	22"	55"	"		4-11			" " 8	44-29	
61														
62														
63														
~~64~~	1	HAND BRAKE CHAIN GUARD	"	1/4"	12 1/4"	14 1/2"	M-116, GR. B		5-2				44-30	L
65														
66														

PLATES

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION						Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 85—TENDER FRAME												
			Name of Plate	MATERIAL	Thick	WIDE	LONG	SPEC.							
	SUFF. FOR 20 ENG.	10	RAIL GUARD	STEEL	1"	33½"	36½"	M-116, GR. B SFFC		4-3			EACH MK 5-4 45-15		✓
	2		SIDE BEARING PLATES					SAE 1095							
	3							M-112-45							
	4														
	5														
	6														
	7														
	8														
	9														
	10														
	11														
	12														
	13														
	14														
	15		GROUP 86—TENDER DRAWGEAR												
	16			MATERIAL	Thick	WIDE	LONG	SPEC.							
	17		Coupler Follower												
	18		" Carrier												
	19		Draw Pin Plate												
✓	20	1	DRAW BAR PIN KEEPER	STEEL	½"	9½"	14"	M-116, GR. B		4-11			46-37		✓
✓	21	1	UNCOUP. SHAFT BRKT.	"	½"	6½"	15½"	"		4-28			ENG. FOR E & T. 46-38		✓
	22														
	23														
	24														
	25														
	26														
	27		GROUP 87—TENDER DECK AND TOOL BOX												
	28			MATERIAL	Thick	WIDE 13" 45½"	LONG	SPEC.							
✓	29	2 ✗	Tender Deck	STEEL	3/8"	47½" 45½"	143½" 138½"	M-116, GR. B	6-12 3-6	1-23 1-13			48-17		✓
✓	30	1	" " SLIDE	"	3/8"	23"	31½"	"		"			18		
✓	31	6	" " "	"	3/8"	12½"	23"	"		"			21		
✓	32	1	" " "	"	3/8"	13½" 14½"	23"	"		1-31 "			22		
✓	33	1	" " —	"	3/8"	35½"	100½"	"		3-6			48-16		
✓	34	2	" " SUPT.	"	¼"	21"	23½"	"		"			48-19		
✓	35	1	" " "	"	¼"	23¼"	31½"	"		5-7			48-20		✓
✓	36	1	" " —	"	3/8"	20½"	29½"	"		6-12			48-23		✓
	37		" "												
	38		" "												
	39		Tool Box												
	40		" "												
	41		" "												
	42		" "												
	43		" "												
	44		" "												
	45		" "												
	46		" "												
	47		" "												
✓	48	1	STOKER ENG. SUPT.	STEEL	3/4"	21¾" 20½"	21½" 22½"	M-116, GR. B	6-9	3-3 1-13			48-24		✓
	49														
	50														
	51		GROUP 88—TANK												
	52			MATERIAL	Thick	WIDE	LONG	SPEC.	4-1 3-7 2-28 2-24	2-3 1-58 1-46 1-7					
4 CTR	53	1 SET	Tank Plate 88- M.O.- 203-HBCD 202-HBCD	TANK STEEL -				M-116, GR. B	2-21	12-23	2-13	2-21	66 - 2 TO 19		✓
✓	54		EXCEPT ITEMS 8, 24, 25 & 28 OF ABOVE BILL TO BE COLD FLANGING QUALITY					M-116, GR. C	2-28	1-7 "			66 - 13		
	55		" "												
	56	8	" LUGS	STEEL	1"	7"	14"	M-116, GR. B		3-12			48-41		
	57		" "												
	58		" " —Oil M.O.												
	59		" "												
	60		" "												
✓	61	2	Coal Gate	STEEL	¼"	21"	43" 51½"	M-116, GR. B		5-2 1-23			48-13		✓
✓	62	2	" "	"	¼"	21"	33½"	"		"			48-14		
✓	63	1	" " SLIDE	"	¼"	16¾" 20½"	25" 38½"	"		5-2 "			MK 5.2 48-15		✓
	64		" "												
	65		" "												
	66		" "												

PLATES

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	Thick	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 88—TANK (Continued)												
		Name of Plate												
1		Vestibule Plate												
2		" "												
3		" "												
✓ 4	1	WATER LEVEL INDICATOR	STEEL	1/4"	7"	20"	M-116, GR.B		4-1			66-48		⌐
✓ 5	1	WATER LEVEL INDICTOR FLOAT	STEEL	1/16"	12"	26"	M-117 - COMM.		4-1			66-42		⌐
✓ 6	1	" " " "	"	1/16"	8 1/2"	17"	"		"			66-43		⌐
✓ 7	2	FILLING HOLE STRAINER SUPT.	STEEL	5/16"	18 1/2"	26 1/2"	M-116, GR. B		3-6			48-27		
✓ 8	6	" " " "	"	5/16"	10 1/2"	29"	"		"			48-28		
✓ 9	2	" " " —	"	1/4"	16"	26 1/4"	"		"			48-29		
✓ 10	6	" " " —	"	1/4"	19 1/4"	29"	"		"			48-30		
11	1	STOKER ENG. SUPT. BRACE	"	3/8"	11 1/2"	30"	"		7-23			MKS. 4 48-26		
12		**GROUP 89—TENDER TRUCK**												
13			MATERIAL	Thick	WIDE	LONG	SPEC.							⌐
14														
15														
16														
17														
18														
19														
20														
21		**GROUP 90—WATER SCOOP**												
22			MATERIAL	Thick	WIDE	LONG	SPEC.							
23														
24														
25														
26														
27														
28														
29														
30		**GROUP 91—THROTTLE AND DRY PIPE**												
31			MATERIAL	Thick	WIDE	LONG	SPEC.							
32		Throttle Compensating Lever Bracket												
33	✓ 1	" " " ~~BASE Support~~	STEEL	3/4"	10 1/2"	13 1/2"	M-116, GR. B		1-23				51-30	
SUFF. FOR 20 ENGS. 34	✓ 1	" LEVER	STEEL	1 1/8"	~~35"~~ 38"	80" ~~24~~ 24"	M-116, GR. B - SFFC		2-14 1-20				51-18	
SUFF. FOR 20 ENG. 35	✓ 1	" W.O. PLUG BUSH, PL.	"	1 1/8"	29"	71"	M-116, GR. B - SFFC		1-28 1-23			DO NOT CANCEL - B	38-64	
36	X	" AIR JOINT	"	~~7/8~~	~~8 3/4~~	~~10 1/2~~	~~M-116, GR. B~~		1-24				38-65	
37	✓ 1	" ROD SUPT.	"	5/8"	10"	11"	M-116, GR. B		4-28				51-12	⌐
38														
39		**GROUP 92—TOOLS**												
40			MATERIAL	Thick	WIDE	LONG	SPEC.							
41		Flag Case												
42		" "												
43														
44		Engineers Tool Box												
45		" " "												
46		" " "												
✓ 47	1	WRIST PIN WRENCH	STEEL	1"	8 1/4"	22 1/2"	M-116, GR. B		2-27			932-S-40264	51-54	
✓ 48	1	CRANK " "	"	3/4"	6 3/4"	19 1/2"	"		"			40261	51-55	
✓ 49	1	KNUCKLE " "	"	3/4"	7 1/4"	20 1/2"	"		"			40262	51-56	
✓ 50	1	" " "	"	1"	9 1/2"	25"	"		"			40266	51-57	
51		**GROUP 94—VALVES DISTRIBUTION**												
52			MATERIAL	Thick	WIDE	LONG	SPEC.							
✓ 53	1	VALVE STEM NUT LOCK	COLD PRESSING QUALITY	1/8"	3"	10 1/2"	M-117 - COMM.		3-6				52-64	
✓ 54	1	" " " "	"	1/8"	2 5/8"	9 1/2"	"		"				52-65	
55														
56														
57														
58														
59														
60														
61														
62														
63														
64														
65														
66														

PLATES

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION						Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 95—WHEELS												
			Name of Plate	MATERIAL	Thick	WIDE	LONG	SPEC.							
	1														
	2		Counterbalance Plate												
	3		" "												
	4														
	5		Hub Liner												
	6		" "												
	7		" "												
	8														
	9														
	10														
	11														
	12														
	13														
	14														
	15		**GROUP 96—WHISTLE**												
	16			MATERIAL	Thick	WIDE	LONG	SPEC.							
	17		Whistle Shield												
	18		" "												
	19														
	20														
	21		Whistle Rod Support												
	22														
	23														
	24														
	25														
	26														
	27														
	28														
	29														
	30		**GROUP 99—MISCELLANEOUS**												
	31			MATERIAL	Thick	WIDE	LONG	SPEC.							
	32														
	33														
	34														
	35														
	36														
	37														
	38														
	39														
	40														
	41														
	42														
	43														
	44														
	45														
	46														
	47														
	48														
	49														
	50														
	51														
	52														
	53														
	54														
	55														
	56														
	57														
	58														
	59														
	60														
	61														
	62														
	63														
	64														
	65														
	66														

STRUCTURAL

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Size		Thick	Feet	Inches	Section	Spec.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 10—ASH PAN														
1		Angles														
2		Ash Pan M.O.														
✓ 3	1	" " Angles	2½"	2½"	3/8"	5	6		M-116, GR. B		3-27			1-41		
4		" " "														
5		" " "														
6																
7																
8																
9		Ash Pan Tees														
10																
11																
12																
13		**GROUP 13 and 14—BOILER AND DETAILS**														
14		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
15		"														
16		"														
17		"														
18		"														
19		"														
20		"														
21		"														
22		"														
23		Tees	Flange	Stem	Thick	Feet	Inches	Section	Spec.							
✓ 24	1	" — BRACE	6"	4½"	-	15	2	28.2#	M-116, GR. B		1-9			3-59		
25		"														
26		"														
27		"														
28		"														
29		"														
30		"														
31																
32																
33																
34	X	ANGLE - TDR. BOX LUB. PAR SUPT.	2"	2"	1/8"	16	8		"		11-5 10-22			RBK 9-9		✓
35																
36		**GROUP 18—BRACKETS**														
37		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
FOR 10 ENGS. ONLY 38 ✓	3	" — INJ. BRKT. BRACE	3"	3"	3/8"	1	5		M-116, GR. B		4-11			60-33 & 35		
39		"														
40		"														
41		"														
42		"														
43		"														
44																
45																
46																
47																
48		**GROUP 19 and 20—BRAKE**														
49		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
✓ 50	1	" — AIR PUMP SHIELD	2"	2"	1/4"	-	6½		M-116, GR. B		4-11			10-29		✓
51																
52																
53																
54																
55																
56																
57																
58																
59																
60																
61																
62																
63																
64																
65																
66																

STRUCTURAL

ORDER

Ck.	Item	Amt. for One Engine	DESCRIPTION									Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 21—BUMPER															
				Size		Thick	Feet	Inches	Section	Spec.								
	1	1	Angle – BUMPER DECK SUPT.	3"	3"	3/8"	~~5~~ 7	~~6~~ 8		M-116, GR.B		4-10 2-5			MKS. 4	10-59		✓
	SUFF. FOR 2 ENG. 2	4	" – " STEP "	5"	3"	3/8"	3	0		"		4-10				23-40		✓
	3		"															
	4		"															
	5																	
	6																	
	7																	
	8		Channel	Deep	Flange	Wt. Per Ft.	Feet	Inches										
	9																	
	10	2	CAR BUILDING CHANNELS	~~13"~~	—	~~50#~~	9	~~8~~		– SQUARE ENDS			2-5 1-17					
	11		(~~FOR FRONT~~ BUMPER)													10-61		
	12																	
	13																	
	14																	
	15		GROUP 22 and 23—CAB AND DETAILS															
	16		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.								
	17	1 SET	Cab Angles	2 1/2"	2 1/2"	3/8"	14	0		M-116, GR.B		12-30				11-24		
	18	X	" "	~~3"~~	~~3"~~	~~3/8"~~	~~6~~	~~0~~		"		2-26				11-25		
	19	1 SET	" "	2"	2"	1/4"	100	0		"		"				11-26		
	20	1	" "	6"	4"	1/2"	5	0		"		2-26				61-49	MKS. 2	
	21		" "															
	22	2	" SADDLE ANGLES	4"	4"	1/2"	2	2		"		2-7					11-28	
	23	1	" OVERHANG ANGLE	1 1/2"	1 1/2"	1/4"	9	4		"		2-10					11-29	
	24		Cab Ventilator Angles															
	25		" " "															
	26		" " "															
	27		" " "															
	28		" " "															
	29		" " "															
	30																	
	31																	
	32																	
	33	1	Cab Bracket Angles	2"	2"	1/4"	7	6		"		3-3			MKS. 2	61-51		
✓	34		" " "															
	35		" Side Sheet Angle															
	36		" " " "															
	37		" " " "															
	38																	
	39																	
	40		TEES	Flange	Stem	Wt. Per Ft.	Feet	Inches	Section	Spec.								
	41		Cab Tee															
	42		" "															
	43		" "															
	44			Leg	Leg	Thick	Feet	Inches	Section	Spec.								
	45		Cab Firing Deck Angle SEE P. 24, L. 11-12															
	46		" " " "															
	47		" " " "															
	48																	
	49																	
✓	50	1	CAB REAR SLIDING DOOR ANGLE	3"	2"	~~4~~ 4#	7	9	4.1#	M-116, GR.B		1-30					11-27	
	51		GROUP 24—BOOSTER															
	52		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.								
	53																	
	54																	
	55																	
	56																	
	57																	
	58																	
	59																	
	60																	
	61																	
	62																	
	63																	
	64																	
	65																	
	66																	

STRUCTURAL

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Size		Thick	Feet	Inches	Section	Spec.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 26 and 27—COCKS and VALVES														
1		Angles														
2																
3																
4																
5																
6																
7																
8																
9		**GROUP 28—COCK RIGGING**														
10		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21		**GROUP 31 and 32—CYLINDER AND DETAILS**														
22		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
23																
24																
25																
26																
27																
28																
29																
30		**GROUP 36—DOME**														
31		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
32																
33																
34																
35																
36																
37																
38		**GROUP 37—DRAWGEAR**														
39		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
40																
41																
42																
43																
44																
45		**GROUP 40 and 41—ENGINE AND TRAILING TRUCK**														
46		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
✓ 47	1	E.T. RAIL GUARD BRACE ANGLE	2½"	2½"	⅜"	6	3		M-116, GR. B	3-3						19-39
48																
49																
50																
51																
52																
53																
54		**GROUP 45—FIREDOOR AND FIREBRICK**														
55		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
56																
57																
58																
59																
60																
61																
62																
63																
64																
65																
66																

STRUCTURAL

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	Size		Thick	Feet	Inches	Section	Spec.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 46 and 47—FRAME AND DETAILS														
	1	2	Angles - WAIST SHEET	4"	4"	½"	5	0		M-116, GR. B		12-26			22-8		
	2																
	3																
	4																
	5																
	6																
	7																
	8																
	9																
	10																
	11																
	12																
	13																
	14																
	15		**GROUP 50—GUIDES**														
	16		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	17		Guide Yoke Sheet Angle														
	18		" " " "														
	19																
	20																
	21																
	22																
	23																
	24		**GROUP 52—GRATES**														
	25		Angles - CYL. OIL STUD POCKET FRAME	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	26	1	" - CYL. OIL STUD POCKET FRAME	1½"	1½"	3/16"	8'	6"		M-116, GR.B		9-4			MKS. 2	27-25	✓
	27																
	28																
	29																
	30																
	31																
	32																
	33		**GROUP 53—HAND RAIL AND STEPS**														
	34		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
✓	35	1 SET	" - RUNBOARD STEP - F.	2½"	2½"	3/8"	5	0		M-116, GR.B		12-30			23-37	MKS. 4	
✓	36	1	" - STEP UNDER CAB	3"	3"	3/8"	1	11		"		2-10			MKS. 2	23-38	
✓	37	2	" - " " "	3"	2"	-	8	2	5,9#	"		3-14				23-39	
	38																
	39																
	40		See P. 20, L. 2														
	41																
	42		**GROUP 54—HEADLIGHTS AND DETAILS**														
	43		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	44																
	45																
	46																
	47																
	48																
	49																
	50																
	51		**GROUP 55—INJECTOR AND F. W. HEATER**														
	52		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
✓	53	1	" - DEL. PIPE BAFFLE PAN	2"	2"	¼"	6'	6"		M-116, GR.B		1-31			CUTS 19½"	26-22	
FOR 10 ENG. ONLY	54	✓ 1	" - F.W.H. CASING	1½"	1½"	3/16"	1	3		"		2-13			" 6-2"	65-13	
	55																
	56																
	57																
	58																
	59																
	60																
	61																
	62																
	63																
	64																
	65																
	66																

STRUCTURAL

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Size		Thick	Feet	Inches	Section	Spec.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 57—LAGGING AND JACKET														
1	1 SET	Angles — JACKET SUPT.	2"	2"	1/4"	37	0		M-116, GR. B		5-12			27 - 22-23-24		
2		Lagging Angles														
3		" "														
4		" "														
5		" "														
6		" "														
7																
8																
9																
10																
11																
12		Sky Line Casing Angles														
13		" " " "														
14		" " " "														
15		" " " "														
16																
17																
18		Stream Line Casing Angles														
19		" " " "														
20		" " " "														
21																
22																
23																
24																
25																
26																
27		**GROUP 59—OIL CUPS AND LUBRICATOR**														
28		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
29		Oil Can Holder Angle														
30	1 SET	LUB. OIL PIPE ANGLES	2"	2"	1/4"	29	0		M-116, GR. B		5-5					
31	3	" " " "	2 1/2"	2 1/2"	3/8"	3	6		"		"			70 - 16 TO 19-21-22		
32														70 - 20		
33																
34																
35																
36		**GROUP 60—OIL BURNER DETAILS**														
37		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
38																
39																
40																
41																
42																
43																
44																
45		**GROUP 62—PILOT**														
46		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
47																
48																
49																
50																
51																
52																
53																
54		**GROUP 63 and 64—PIPE FITTINGS**														
55		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
56																
57																
58																
59																
60																
61																
62																
63																
64																
65																
66																

STRUCTURAL

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	Size		Thick	Feet	Inches	Section	Spec.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 68—REVERSE LEVER AND POWER REVERSE														
	1		Angles														
	2	1	" – REV. SCREW SUPT.	5"	4"	–	2	11	21.1#	M-116, GR.B		4-11			63-44		
	3																
	4																
	5																
	6																
	7	1	TEE – REV. SCREW XHD. GUIDE	3½"	3"	–	2	10	8.625#	"		4-11			63-47		
	8																
	9		**GROUP 71—RUNNING BOARDS**														
	10		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	11	1	" – DECK	6"	4"	½"	10	0		M-116, GR.B		2-26			37-13		
	12	1	" – "	2½"	2½"	3/8"	10	3		"		"			37-14		
	13	1	" – RUNBOARD BRKT.	5"	3½"	3/8"	4	7		"		3-10			MKS. 2 37-15		
	14	1	" – " " 4"	3½"	3½"	3/8"	4	7		"		5-28			" 2 37-6		
	15																
	16	4	TEES – RUNBOARD	2"	2"	¼"	13	6		M-116, GR.B		12-26			37-11		
	17	2	" – "	2"	2"	¼"	12	0		"		"			37-12		
	18		**GROUP 73—SAND BOX**														
	19		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	20	1	" – SAND BOX	1"	1"	⅛"	6'	6"		M-116, GR.B		2-10			38-24		
	21																
	22																
	23																
	24																
	25																
	26																
	27		**GROUP 75—SMOKE BOX**														
	28		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	29	1	" – CINDER DEFLECTOR	2"	2"	¼"	3	6		M-116, GR.B		5-5			39-28		
	30	1 SET	" – DEFLECTING PLATE	3"	2"	¼"	12	6		"		"			39-26		
	31	1 SET	" – NETTING & DEFL. PL.	2"	2"	¼"	21	0		"		"			39-27		
	32																
	33																
	34																
	35																
	36																
	37																
	38																
	39		**GROUP 78—STEAM GAUGE, SAFETY VALVE AND TURRET**														
	40		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	41	~~1 SET~~	" – DEFLECTING PLATE	3"	2"	¼"	12	6		M-116, GR.B		5-2			39-26		
	42	~~1 SET~~	" – NETTING & DEFL. PL.	2"	2"	¼"	21	0		"		"			39-27		
	43																
	44		See L. 30 & 31 ABOVE														
	45																
	46																
	47																
	48																
	49																
	50																
	51		**GROUP 79—STEAM PIPES**														
	52		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	53	1	" – ST. PIPE CASING	1"	1"	⅛"	0	11		M-116, GR.B		1-23			42-65		
	54																
	55																
	56																
	57																
	58																
	59																
	60																
	61																
	62																
	63																
	64																
	65																
	66																

4" FOR FUTURE

STRUCTURAL

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Size		Thick	Feet	Inches	Section	Spec.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 80—STOKER														
1	1	Angles - STOKER DISCH. BOX	5"	3½"	½"	2	10		M-116, GR.B		9-8 3-13			MKS, 2	22-43	
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13		**GROUP 81—SUPERHEATER DETAILS**														
14		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
15	1	" - HEADER SHIELD	3½"	3½"	½"	8	0		M-116, GR.B		1-29 1-23			42-64		
16																
17																
18																
19																
20																
21																
22																
23																
24		**GROUP 82—TANK VALVES**														
25			Leg	Leg	Thick	Feet	Inches	Section	Spec.							
26	1	Angles - TANK VALVE STRAINER	2"	2"	¼"	1	8		M-116, GR. B		2-10			MKS. 8	43-20	
27																
28																
29																
30																
31																
32																
33		**GROUP 83—TANK ENGINE**														
34		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
35																
36																
37																
38																
39																
40																
41																
42	1	ANGLE - BRAKE BEAM SAFETY	3"	3"	⅜"	5	10		M-116, GR.B		2-28			MKS. 2	44-65	
43		**GROUP 85—TENDER FRAME**														
44		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
45																
46																
47																
48																
49																
50																
51																
52																
53																
54																
55																
56		**GROUP 86—TENDER DRAWGEAR**														
57		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
58																
59																
60																
61																
62																
63																
64																
65																
66																

STRUCTURAL

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	Size		Thick	Feet	Inches	Section	Spec.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 87—TENDER DECK AND TOOL BOX														
✓	1	1 SET	Angles - DECK	2½"	2½"	3/8"	32	0		M-116, GR. B		1-13			48-49		
✓	2	2	" - STOKER	4"	3½"	3/8"	11	7		"		"			48-50		
✓	3	1	" - DECK SUPT.	2½"	2½"	3/8"	9	0		"		3-6			MKS. 6 48-54		
	4	1	" - " STEP	4"	4"	3/8"	1	9		"		5-7			47-52		✓
	5																
	6																
	7																
	8																
	9																
	10																
	11																
	12																
	13		**GROUP 88—TENDER TANK**														
	14		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.	4-1 3-7 2-28 2-23	2-3 1-28 1-16 1-7 1-23					
	15	1 SET	" - TANK - 88-MO-203-B&D							M-116, GR. B					48 - 47-48		✓
	16	1	" - COAL GATE	3"	3"	3/8"	12 14	9		"		5-2 1-23					
✓	17	1 SET	" - " "	2"	2"	1/4"	28 33	0		"		5-2 "			MKS. 2 48-51 48-52		✓ ✓
✓	18	1 SET	" - DECK	2"	2"	3/8"	10	8 5"		"		3-27 1-31			MKS. 2 48-53		✓
	19																
	20																
	21																
	22																
	23																
	24																
	25	1 SET	TEES - TANK - 88-MO-203-B&D							M-116, GR. B	4-1 3-7 2-28 2-23	2-3 1-28 1-16 1-7 12-23			48 - 60		✓
	26																
	27		**GROUP 89—TENDER TRUCK**														
	28		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	29																
	30																
	31																
	32																
	33																
	34																
	35																
	36																
	37																
	38																
	39		**GROUP 90—WATER SCOOP**														
	40		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	41																
	42																
	43																
	44																
	45																
	46																
	47																
	48		**GROUP 91—THROTTLE**														
	49		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
✓	50	1	" - DRY PIPE SUPT.	4"	4"	½"	1	2		M-116, GR. B		1-13			50-57 CUTS 6½"		
	51	2	" - " " ELBOW SUPT.	6"	4"	½"	0	9		"		5-14			50 59		✓
	52																
	53																
	54																
	55																
	56																
	57		**GROUP 99—MISCELLANEOUS**														
	58		Angles	Leg	Leg	Thick	Feet	Inches	Section	Spec.							
	59																
	60																
	61																
	62																
	63																
	64																
	65																
	66																

BILLETS AND BARS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	SPECIFICATION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 10—ASH PAN									
✓ 0	1 SET	ASH PAN / DAMPER BELL CRK FOLC. 10 3/4" x 3 1/2" x 1'-10"	BAR ST.	SAE 1020		3-27 12-30			1-35 36 39 1-38		
✓ 1	1	DUMP Shaft 1 3/4" DIA. x 6'-9"	C.R.S. BAR	"		3-27					
2		Slide Rod									
✓ 3	1 2	HOPPER DOOR FRAME - F. & B. 3/4" x 4" x 8'-0"	BAR ST.	SAE 1020	5-2	1-8					
✓ 4	1 2	" " " - SIDES 3/4" x 3 1/2" x 6'-0"	"	"	"	1-2 "			1-35 MKS 4		
✓ 5	1	DAMPER BELL CRANK 1/2" x 3" x 1'-6"	"	"		3-27			1-36 MKS 4		
✓ 6	1	" " " 2 1/2" DIA. x 2"	"	"		"			1-56		
✓ 7	2	" HANDLE 3/8" x 1 1/2" x 6'-8"	"	"		"			-57		
✓ 8	1	" " CATCH 3/8" x 3 1/2" x 2'-10"	"	"		"			-58		
✓ 9	2	CONN. ROD 1 1/4" DIA. x 3'-7"	"	"		"			-59		
✓ 10	1	" LINK 1/2" x 3" x 3'-0"	"	"		"			-60		
✓ 11	2	" ROD 1/2" x 2" x 5'-5"	"	"		"			-61		
✓ 12	1	DOOR HGR. BRKT. 2 3/4" x 2 3/8" x 1'-8"	"	"		5-5			-62		
✓ 13	4	" " " 1/2" x 2" x 1'-6"	"	"		"			8 -63		
✓ 14	1	DUMP HANDLE 3/4" x 4" x 4'-4"	"	"		"			-64		
✓ 15	1	" " " BOSS 3 1/2" DIA. x 1 1/4"	"	"		"			1-21		
✓ 16	1	FRONT CORNER SUPT. 1/2" x 2 1/2" x 6"	"	"		"			1-22		
✓ 17	1	DAMPER LUG 3/8" x 1 1/2" x 6"	"	"		"			1-23		
✓ 18	1	" BELL CRK. FILLER 2 1/2" DIA. x 1'-6"	"	"		6-16 "			1-24		
✓ 19	1	DUMP HDLE. CATCH 1/2" x 3" x 5'-0"	"	"		"			1-25		
✓ 20	1	" SHAFT COLLAR 3 1/2" DIA. x 9"	"	"		"			1-26 & 27		
✓ 21	2	" " ARM 3/4" x 3 1/2" x 1'-2"	"	"		"			1-29 & 31		
✓ 22	1	" " KEY 3/8" x 3/8" x 6"	C.R.S. BAR	"		"			1-30		
✓ 23	1	CONN. ROD JAW NUT 2" x 2" x 3"	BAR ST.	"		"			1-32		
✓ 24	1	DAMPER CONN. ROD 1/2" DIA. x 3'-4"	"	"		"			1-37		
	25	Forgings—Rough Turned EXCEPT SMOOTH TURNED IN CENTER AS NOTED				1-13			1-38		
	26	STAMPING TO CD. 992-S-53170-XX									
4 CTR 27	1 ✓	Main Axle Card No. 112-S-17520	MED. CAR.	M-126-45, CL. D, NORM. & TEMP.	4-28	4-1 3-6 2-11 "			112-A-421	2-23	
" 28	1 ✓	Front " " 112-S-17530				"			112-A-420	2-25	
" 29	1 ✓	Inter. " " 112-S-17530				"			"	"	
" 30	1 ✓	Inter. " " 112-S-17530				"			"	"	
" 31	1 ✓	Back " " 112-S-17530				"			"	"	
" 32	1 ✓	Eng. Truck Axle " 112-S-31600				"			112-A-419	2-36	
	33	Trail. " " F "				"					
	34	" " " B "									
	35										
4 CTR 36	4 ✓	Tender Axle " 112-S-50290	MED. CAR.	M-101-45, GR. A, UNTREATED		1-13			112-A-422	2-18	
	37	TO ROUGH TURNED DIMENSIONS				"					
	38	STAMPING TO DWG. 992-S-53170-X			4-28	4-1 2-27					
	39										
✓	40	X DRIV. AXLE KEY - MAIN 1 1/4" x 1 1/2" x 14"	C.R.S.	SAE 1050		1-23					
✓	41	1 " " " - MAIN & OTHERS 1 1/8" x 1 1/2" x 5'-10" 4'-8"	"	"		1-20 1-23 "			MKS. 2 " & 10	2-39 2-40	
	42	GROUP 12—BELL RINGER									
	43										
	44										
	45										
	46										
	47										
	48	GROUP 13 and 14—BOILER AND DETAILS									
	49										
✓	50	1 Smoke Box Ring - F 2 3/8" x 2 3/8" x 254" 2 1/2" x 2 1/2" x 254"	BAR ST.	SAE 1020		1-22					
	51	1 " " CONN. RING 1" x 5 1/2" x 258"	"	"		1-13 12-24 1-22			39-21		
	52										
	53	Tube Sheet Ring									
	54										
	55	Mud Ring									
✓	56	1 THROAT BRACE - DIE END 2" x 3" x 79"	BAR ST.	SAE 1020		1-27			3-49		
✓	57	1 " " - ROD & FOOT 1" x 3" x 88" 99"	"	"		1-14			"		
	58	1 BOILER BRACE CROWFEET 2 5/8" DIA. x 2'-5"	"	"		1-27 "					
	59	GROUP 15—BOLTS DIAMETERS:	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/8"	3-46
✓	60	1 SET BOLT STEEL - BAR ST. - SAE 1020	205' 140'	160' 125'	140' 125'	160' 140'	130'	185' 100'	75' 15'	60' 70'	75' 15'	7' 5'	8' 5'	4'	
✓	61	1 SET " " - " " - SAE 1035	25' 5'	15'	50' 10'	15'	25'	65'	6'	40' 50'	10'	-	-	-	6-9 5-9 2-7 " NE 9430, 8130 OR 8630 5-7
	62														
	63	1 SET COUPLER BOLTS 1 3/4" DIA. x 12'-0"	BAR ST.	SAE 1045, OR EQUIV.		7-28			FOR SHIPPING ENGS.		
✓	64	1 SET ECC. CRANK BOLTS 1 3/4" DIA. x 3'-4"	BAR ST.	SAE 1050		2-10					
	65									59-14	
	66	FRAME WEDGE BOLTS - See P. 30, 4, 30		SAE 1020							

BILLETS AND BARS

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	MATERIAL	SPECIFICATION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 17—TRUCK BOXES									
			BILLETS									
	1		Engine Truck Box Wedge									
	2		Front Trailer Truck Box Wedge									
	3		Rear " " " "									
	NOTE 1 A-GQ 4	8	Tender Truck Box Wedge - 6" x 11" - DROP FORGED	- STEEL -	DWG. 172-S-60950		1-20			8-43		
	5	1	ENG. TRK. BOX CELLAR PIN 3/4" DIA. x 2'-4"	BAR ST.	SAE 1020 MKS. 2		2-19			8-55		
	6	1 SET	DRIVING " " " 3/4" DIA. x 30'-0"	"	"		2-27			7-60		
	7	1 SET	TDR. BOX LUB. PAD SUPT. 1/4" x 1 1/4" x 14'-0"	"	"		10-23		This order only	9-8		
	8	1	EQUAL. ROCKER BLOCK 2 3/4" x 4 1/4" x 10"	H. R. S. BAR	SAE 1045 MKS. 8		3-18 2-27			7-59		
	9		**GROUP 18—BRACKETS**									
	10	1	ENGRS. VALVE BRKT. 3/4" x 3" x 1'-9"	BAR ST.	SAE 1020		3-6			9-34		
	11	1	OIL CAN HOLDER EDGE 1/4" x 1/2" x 3'-9"	"	"		3-10			9-28		
	12	1	" " " " BRKT. 3/8" x 2" x 3'-6"	"	" See		"			9-29		
	FOR 10 ENGS. ONLY 13	1	GAUGE STAND BRKT. 1/4" x 5" x 1'-4"	"	" L. 48 TO 53		5-5			9-30	60-37	
	14	1	ST. " " " 3/8" x 2 1/2" x 1'-3"	"	" BELOW		"			9-31		
	15	1	" CHEST GAUGE ST. BRKT. 3/8" x 2 1/2" x 1'-2"	"	"		"			9-43		
	FOR 10 ENGS. ONLY 16	1	INJ. STARTING VALVE BRKT. 1/2" x 2" x 11"	"	"		"			9-44		
	17	2	" " " " 1/2" x 2" x 14"	"	"		5-14			9-45	& 38	
	18		**GROUP 19 and 20—BRAKES**									
	19	4	AIR RES. SUPT. 3/8" x 3" x 5'-1"	BAR ST.	SAE 1020		1-31			10-21		
	20	4	" " " U-BOLT 7/8" DIA. x 1'-6"	"	"		"			10-22		
	21	2	B.O. COCK MUFF. BRKT. 1/2" x 1 1/2" x 1'-3"	"	"		3-28			9-41		
	22	1	AIR RES. HANGER, AUX. 1/2" x 2" x 11'-0"	"	"		4-15		MKS. 4	10-23		
	23	2	EQUAL. RES. SUPT. 1/4" x 1 1/2" x 2'-7"	"	"		4-21			10-24		
	24	2	AIR PUMP DRIP PAN BRKT. 1/2" x 2 1/2" x 19"	"	"		4-28			10-19		
	25	1	" GAUGE STAND 1/2" x 2" x 1'-8"	"	"		5-5			60-38		
	26	1	" GOVERNOR SUPT. 3/4" x 3" x 1'-7"	"	"		5-22			10-18		
	27		**GROUP 21—BUMPERS**									
	28	1	BUMPER STEP 1/2" x 2" x 15'-6"	BAR ST.	SAE 1020		4-10 2-5		MKS. 2	23-44		
	29	1	" DECK SUPT. 7/8" x 2" x 7'-6"	"	"		4-10		" 2	10-54		
	30	1	" " " 1/4" x 1 1/4" x 5'-0"	"	"		"		" 3	10-55		
	31	1	" " " FILLER 7/16" x 2" x 3'-6"	"	"		"		" 2	10-56		
	32	2	CAB SIDE WINDOW STOP 1/8" x 1 3/4" x 2'-1"	"	"		11-17 3-27			62-35		
	33	1	" " " " 1/4" x 1/4" x 1'-0"	C.R. S. BAR	"		"			62-36		
	34	1	" " " " 1/16" x 2" x 5"	BAR STEEL	"		"			62-38		
	35	1	POCKET OVER WINDOWS - SIDE 1/4" x 5" x 3'-0"	"	" MKS. 4		2-14			11-40		
	36		**GROUP 22 and 23—CAB AND DETAILS**									
	37	2	CAB GUTTER 1/16" x 4 1/2" x 6'-0"	BAR ST.	SAE 1020		1-13 1-9			11-10 & 11-8		
	38	X	ENGR. SEAT SUPT. 5/8" DIA. x 2'-0"	"	"		1-30			11-11		
	39	X	" " " STOR 3/4" x 2" x 4 1/2"	"	"		1-30			11-12		
	40	2	SIDE WINDOW SLIDE 1/8" x 2 1/2" x 6'-0"	"	"		"			11-18		
	41	2	" " " 1/8" x 2 1/4" x 6'-0"	"	"		"			11-19		
	42	2	" " " 1/16" x 2 1/2" x 6'-0"	"	"		"			11-20		
	43	2	" " " 1/16" x 2 1/4" x 6'-0"	"	"		"			11-21		
	44	4	" " " 1/8" x 7/8" x 6'-0"	"	"		"			11-22		
	45		**GROUP 26 and 27—COCKS AND VALVES**									
	46	1	CAB APRON HINGE LINK 7/8" DIA. x 3'-0"	BAR ST.	SAE 1020		4-18			12-5		
	47											
	48	1	CAB TURRET BRKT. 1/2" x 2" x 11"	"	" 18		5-5			60-40		
	49	1	" " & BR. V. BRKT. BOSS 2" DIA. x 16"	"	"		"			60-42-43		
	50	1	AUTO. BRAKE VALVE " — 3/4" x 3" x 1'-10"	"	"		"			60-44		
	FOR 10 ENGS. ONLY 51	1	INJ. START. V. H. BRKT. - R 3/8" x 1 1/2" x 16"	"	"		5-14			60-46		
	52	1	" " " " - R 3/8" x 2" x 10"	"	"		"			60-47		
	FOR 10 ENGS. ONLY 53	1	" " " " - L 3/8" x 5" x 1'-0"	"	"		"			60-48		
	54		**GROUP 28—COCK RIGGING**									
	55	1	B.O.C. ROD BRKT. 1/2" 3/8" x 3" x 9"	BAR ST.	SAE 1020		5-14 4-21			14-62		
	56	1	" " — 3/8" x 1/4" x 5'-6"	"	"		"			14-63		
	57	1	" " — 3/8" x 1/4" x 5'-8"	"	"		"			14-64		
	58	1	" " BRKT. 3/8" x 4" x 6 1/2"	"	"		"			14-65		
	59	1	ASH PAN VALVE EXT. ROD 3/4" DIA. x 2'-6"	"	"		5-14			14-66		
	60	1 SET	BLOWER VALVE EXT. ROD 3/4" 5/8" DIA. x 32'-0"	"	"		6-30 5-16			14-59		
	61	1	" EXT. ROD SUPT. 3/8" x 2" x 3'-0"	"	"		6-30			14-55		
	62											
	63											
	64											
	65											
	66											

BILLETS AND BARS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION		MATERIAL	SPECIFICATION		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM		Purchase Order No.	Ck.
		GROUP 29—CRANK PINS												
		BILLETS												
SUFF. FOR 1½ ENG. 1	✓ 1	Main	11½" x 11½" x 1875#	S-R-Q MED. CAR.	ASTM A-273, CQ-1045			2-11 2-7			MKS. 3 - 1½ E.	15-3		
SUFF. FOR 4 ENGS. 2	✓ 1	Front	6½" x 6½" x ~~800~~ 825#	"	"			2-24			" 8	15-5		
SUFF. FOR 2 ENGS. 3	✓ 1	Inter. - F. & B.	7" x 7" x 1150#	"	"			"			" 8	15-4		
SUFF. FOR 4 ENGS. 4	✓ 1	~~Inter.~~ BACK	6½" x 6½" x ~~975~~ 950#	"	"			2-27			" 8	15-55		
5	✓ 1	Back CRANK PIN COLLARS	7½" DIA. x 2"	BAR ST.	SAE 1045			2-21				15-7		
6	✓ 1	INTER. " " "	8¼" DIA. x 8"	"	"			"				15-7		
7	✓ 1	MAIN CRANK PIN KEY	13/16" DIA. x 10½"	BAR ST.	SAE 1020	(MKS. 2)		2-6				15-11		
8	✓ 1	FRONT CRANK PIN COLLAR	7½" DIA. x 8"	"	" 1045			2-20			MKS. 2 WILL USE CROP ENDS	16-4		
9		Forgings Rough Turned												
10		Main	Card No.											
11		Main	Card No.											
12		Inter.	Card No.											
13		Inter.	Card No.											
14		Inter.	Card No.											
15		Inter.	Card No.											
16		Back	Card No.											
17		Back	Card No.											
18	✓ 1	CRANK PIN WASHER & COLLAR DOWEL	½" DIA. x 1'-1"	C.R.S. BAR	SAE 1035	MKS. 8		2-20				16-5		
19	✓ 1	FRONT CRANK PIN BOLT DOWEL	¼" DIA. x 1½"	"	" "	" 2		"				16-6		
20	✓ 1	INT. & BK. CRANK PIN NUTS	4½" DIA. x 1'-2"	BAR ST.	SAE 1020	MKS. 12		"			WILL USE CROP ENDS	16-7		
21		GROUP 30—CROSSHEAD												
✓ 22	1	Crosshead Pin Billet	7" x 7" x 225#	MILD ST. S-R-Q MED. CAR.	ASTM A-273, CQ-~~1045~~ 1022			1-20 1-6	1-15	1-20	MKS. 2	15-25		
23	1	" Key	2¾" DIA. x 2'-4"	BAR ST.	SAE 1065			3-12			MKS. 2 STOCK	15-22		
SUFF. FOR 20 ENGS. 24	1	" WRIST PIN NUT	6" DIA. x 8'-6"	"	" 1020			"			STOCK	15-23		
25	1	" " " WASHER	6¾" DIA. x 40"	"	" 1045			"				15-24		
26	1	" " " KEY	5/8" x 1⅞" x 55"	C.R.S. BAR.	" 1035			"				15-26		
27		GROUP 37—DRAWGEAR												
✓ 28	1	Draw Bar Billet	~~6~~ 7" x 12" x 720#	MILD ST.	ASTM A-273, CQ-1022			1-29 1-20				17-27		
29	1	" " Pin ~~Billet~~ (Eng.)	4¼" DIA. x 26"	BAR ST.	SAE 1020			3-5				17-47		
30	1	Safety Bar Billet	~~6~~ 7" x 12" x 720#	MILD ST.	ASTM A-273, CQ-1022			1-29 1-20				17-28		
31		" " Pin Billet (Eng.)												
32	1	Draw Bar Pin ~~Billet~~ (Tender)	4¼" DIA. x 25"	BAR ST.	SAE 1020			2-27				47-14		
33														
34	2	COUPLER HOOK (1 LOCO. 1 TDR.) - DWG. ~~373-5-26760-A~~ 373-5-26690		#Y CHR.-NKL.-MOLY. ST.	FINISHED COMPLETE ROUGH FORGINGS ONLY		5-13 3-4 5-14 2-18		2-17	2-18	A. L. Co.	17-22 & 46-57		
35		SCREW COUPLING PARTS - SEE P. 33, L. 19 TO 23, AND P. 33-C, L. 56 TO 61.					2-3 2-5							
36		GROUP 39—ECCENTRIC												
SUFF. FOR 2 ENGS. 37	✓ 1	Eccentric Crank	4½" x 12" x 1000#	S-R-Q MED. CAR.	ASTM A-273, CQ-1045		1-24	1-17 1-6	1-15	1-17	MKS. 4	17-59		
✓ 38	1	" " Pin	3⅝" DIA. x 16½"	BAR ST.	SAE 1045			1-8				17-56		
✓ 39	1	Eccentric Rod	6" x 10" x ~~370~~ 400#	MILD ST.	ASTM A-273, CQ-1022		1-24 3-10	1-21 1-8	1-15	1-17	MKS. 2	17-61		
✓ 40	1	" CRANK KEY	1" x 1" x 6½"	C.R.S. BAR	SAE 1035			2-24				17-62		
✓ 41	1	" " PIN WASHER	4⅞" DIA. x 1½"	BAR ST.	" 1045			"				17-63		
42		GROUP 40—ENGINE TRUCK												
43		Engine Truck Frame												
✓ 44	1	" " KING PIN BOLT	2¼" DIA. x 1'-0"	BAR ST.	SAE 1020			3-3				19-23		
✓ 45	1	" " RAD. BAR PIN	3½" DIA. x 6"	"	"			"				19-27		
✓ 46	1	" SWING LINK PINS - BOT.	~~2⅝~~ 2¾" DIA. x 4'-0"	"	"			3-12				19-31		
✓ 47	1	" " " " " -	~~2⅜" 1⅞~~ 3" HEX. x ~~12'-6~~ 14'-0"	"	"			"				19-32		
✓ 48	1	" " " " PIN KPR.	5/8" DIA. x 2'-6"	"	"			2-24 "			T. & PED. BOLT	19-34		
✓ 49	1	" " RADIUS BAR CLAMP	1" x 7" x 1'-6"	BAR ST.	SAE 1020			2-24				21-61		
✓ 50	1	" " CROSSTIE	¼" x 4" x 3'-10"	BAR ST.	SAE 1020			2-10				19-21		
✓ 51	1	" " RADIUS BAR	¼" x 4½" x 12'-3"	"	"	MKS. 2		"				19-28		
✓ 52	1	" " " " BRACE	¾" DIA. x 8'-0"	"	"	" 2		"				19-29		
✓ 53	1	" " " " " END	¾" x 3" x 3'-6"	"	"	" 4		"				19-30		
54		GROUP 41—TRAILER TRUCK												
55		Trailer Truck Frame												
56		" " "												
57		" " "												
58		" " Pedestal												
59		" " "												
60		" " " Binders												
61		" " " "												
62		~~GROUP 47 - FRAME.~~												
~~63~~	~~X~~	~~LIFTING SUPT. DETAIL~~	~~2" x 6" x 2'-4"~~	~~BAR ST.~~	~~SAE 1020~~			5-5 4-21						
~~64~~	~~X~~	~~" " "~~	~~1½" x 5" x 2'-4"~~	~~"~~	~~"~~			" "				21-63		
~~65~~	~~X~~	~~" " "~~	~~2" x 3½" x 1'-0"~~	~~"~~	~~"~~			" "				21-64		
~~66~~	~~X~~	~~" " "~~	~~1" x 5" x 7"~~	~~"~~	~~"~~			" "				21-65		
												21-66		

BILLETS AND BARS

ORDER _____

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			GROUP 46 and 47—FRAMES									
			BILLETS									
4 CTR	1	2	Frames ~~SLABS~~ - MAIN - ROLLED STEEL - ~~35~~ 36" x ~~5 3/8~~ 5 1/2" x 41'-6" - BURNED TO DRG. ~~466-S-119430-X~~ 466-S-119450-X ~~Y X W~~		CARNEGIE-ILLINOIS STEEL CORP'S SPEC. DATED MAY 15, 1936		1-30					
	2		FLAME CUTTING DIAGRAM WILL BE FURNISHED				1-6	3-28	4-7			
	3		BURNED TO DRG. 466-S-119451-W V AND U		(EXCEPT FIRST TWO FRAMES BURNED TO DRG. 466-S-119450-X)	3-28	1-30 4-17 4-7	"	"			
SUFF. FOR 20 ENGS. 4 CTR	4	34	~~PEDESTAL CAP SLABS - ROLLED STEEL - 51" x 46" x 5"~~ - (EACH MAKES 6) -				1-30			20-48		
	5		~~GRAIN TO RUN WITH 51" DIMENSION~~		CARNEGIE-ILLINOIS STEEL CORP'S SPEC. DATED MAY 15 1936		1-30			20-49		
	6	2	Pedestal Binder—Main - DWG. 462-S-47751 - Y - X FOR		CARNEGIE-ILLINOIS		4-7 1-30					
	7		" " "									
	8	2	" " Front - " 462-S-47750 - Y X FUTURE WROT		STEEL CORP'S		"					
	9		" " "		SPEC. - DATED		"					
	10	2	" " F. Inter. - " 462-S-47750 - Y X CARBON STEEL		MAY 15, 1936 -		"			20-48-49		
	11		" " "		FLAME CUT		"					
	12	2	" " B. Inter. - " 462-S-47752 - ~~X~~ Y - X		FROM ROLLED		"					
	13		" " "		SLABS —		1-31					
	14	2	" " Back - " 462-S-47752 - ~~X~~ Y - X		FURNISH 4 C.T.R.		"					
	15	1	EXP. PLATE ~~KNEE~~ LUG 2" x 4" x 2'-1"	BAR ST.	SAE 1020		1-31					
	16	1	FRAME FILLING SPR. KPR. LUG ~~5/8~~ 1/2" x 5/8" x 6'-6"	C.R.S. BAR	SAE ~~1020~~ 1035 - JWK & OBS		5-5 2-17 2-14			21-53 20-60		
	17		Brace Crosstie									
	18	1	FOOT PLATE BUSHING 6" DIA. x 1'-2"	BAR ST.	SAE 1020		1-27			MKS. 3 21-60		
	19	1	SHOE & WEDGE LINER STOPS 1/4" x 1" x 17'-0"	C.R. BAR ST.	SAE ~~1020~~ 1022		1-15			MKS. 40 20-61		
	20	~~X~~	~~FRAME LIFT. SUPT. FLANGE 1/2" x 1" x 3'-4"~~	~~BAR ST.~~	~~SAE 1020~~		5-5 4-30			21-56		
	21		**GROUP 50—GUIDES**									
	22		Billets									
	23	2	Guide Top 7" x 10" x 1150#	S-R-Q MED. CAR.	ASTM A-273, CQ-1045		1/6	1-15	1-24	22-37		
	24		" "									
	25	2	" Bottom 7" x 10" x 1150#	"	"		1/6	1-15	1-24	22-38		
	26		" "									
	27		Guide Yoke									
	28		" Floating Block									
	29	~~X~~	" Block - ~~BACK~~ ~~3"~~ x 6 1/4" x ~~1"~~ 1 1/6"	BAR ST.	SAE 1020		2-26 2-18			WILL USE CROP ENDS 22-29		
	30	1	PED. WEDGE BOLT 1/4" DIA. x 2'-0"	C.R. " BAR	SAE 1020 (MKS. 2)		3-3			MKS. 10 ~~57-44~~		
	31	1	" " " CLIP ~~1/8~~ 1" x ~~4"~~ x 17'-0"	"	" " (" 3)		"			" 10 57-45		
	32	1	" " ~~1/8~~ 1/2" x 6" x 37"	"	" (" 4)		"			B		
	33		**GROUP 52—GRATE DETAILS**									
	34	1 SET	GRATE CONN. BAR 1/2" x 2" x 35'-0"	BAR ST.	SAE 1020		3-13			MKS. 8 23-15 TO 18		
	35	1 SET	" " ROD ~~1 3/8" DIA.~~ 7/8" x 2" x 25'-0" ~~30'-0"~~	"	"		4-1			" 4 B 23-12-13		
	36	1	" SIDE FRAME SUPT. 3/8" x 3/8" x 4'-6	"	"		"			" 8 22-62		
	37	1	" LEVER HDLE. 2 1/4" x 3 1/2" x 2'-0"	"	"		"			22-63		
	38	1 SET	" " FULC. SHIM 3/4" x 2 1/2" x 9'-0"	"	"		"			MKS. 8 22-64-65		
	39		**GROUP 53—HANDRAILS AND STEPS**									
	40	2	CAB GRAB IRONS (OVER SIDE WINDOWS) 1/4" DIA. x 6'-8"	BAR ST.	SAE 1020		2-7			23-35		
	41	~~2~~ 1	STEP UNDER CAB 1/2" x 3" x ~~9'-8"~~ 5'-0"	"	" MKS. 4		3-10 2-10			23-33		
	42	1	" " " 1/2" x 6" x 3'-8"	"	" " 2		"			23-34		
	43	1 SET	TDR. FRAME STEP 1/2" x 2 1/2" x 29'-6"	"	"		3-3			47-48		
	44	2	CAB HANDLE 1 1/4" DIA. x 8'-0"	"	"		3-28			23-32		
	45		**GROUP 54—HEADLIGHTS, LAMPS, ETC.**									
SUFF. FOR 20 ENG.	46	1	ROUNDEL HOLDER HANDLE 1/2" DIA. x 10'-0"	BAR ST.	SAE 1020		3-3			23-60		
	47	1	HEADLIGHT SHELF " 3/4" DIA. x 3'-8"	"	"		4-11			24-22		
	48	1	SIGNAL BRKT. STUD ON BPR. 5/8" DIA. x 6"	"	"		4-23			55-17		
	49		**GROUP 55—INJECTOR AND FEED WATER**									
	50		Feed Water Heater Support									
FOR 10 ENGS. ONLY	51	3	" PIPE HANGER 1/2" x 2 1/2" x 10"	BAR ST.	SAE 1020		4-11			65-19-20		
	52	1	DEL. PIPE BAF. PAN SUPT. 1/2" x 2" x 6'-9"	BAR ST.	SAE 1020		1-31			26-43		
	53	1	" " " " " 1/2" x 3 1/4" x 1'-0"	"	"		"			26-44		
	54		**GROUP 58—LINK MOTION**									
	55		Billets									
	56		Reverse Link — SEE P. 11, L. 19									
	57	1	Radius Rod ~~7~~ 6" x ~~7~~ 6" x ~~430~~ 530#	~~MILD ST.~~ S-R-Q-MED. CAR.	ASTM A-273, CQ-~~1022~~ 1045		3-10 1-17 1-6	1-15	1-17	MKS. 2 28-36		
	58	1	Combination Lever 7" x 7" x 250#	MILD ST. "	" "		"	"	"	MKS. 2 28-34		
	59	1	Union Link 6" x 6" x 185#	" "	" "		"	"	"	" 2 28-35		
	60	1	RADIUS ROD LIFTER 5" x 5" x 100#	MILD ST	" , CQ-1022		1-24 "	"	"	" 2 28-37		
SUFF. FOR 2 ENG.	61	1	LINK TRUNNION 6" x 6" x 800#	S-R-Q MED. CAR	" CQ-1045		1-17			" 8 28-32		
	62	1	VALVE MOTION PIN DOWEL 3/8" x 3/8" x 8"	C.R.S. BAR	SAE 1020		4-14			28-4		
	63	1	" " " — 1 3/8" DIA. x 4"	BAR ST.	"		"			28-27		
	64	1	" " " — 1 3/4" DIA. x 4'-0"	"	"		"			28-28		
	65	1	" " " — 1 7/8" DIA. x 3'-2"	"	"		"			28-29		
	66	1	" " " — 2" DIA. x 11"	"	"		"			28-30		
	67	1	" " " — 3" DIA. x 19"	"	"		"			28-31		

BILLETS AND BARS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	SPECIFICATION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 59—OIL CUP AND LUBRICATOR									
0	2	LUB. OIL HOSE FITT. 1¼" × 1½" × 2¼"	BAR ST.	SAE 1020		5-5			70-13		
1	1	CROSSHEAD OIL CUP STRAP ~~½~~ 1" × ~~1¼~~ 1½" × ~~1'-0~~ 1'-3"	ST. BAR	SAE 1020 MKS. 2		3-13 2-21			28-61		
SUFF. FOR 20 ENGS. 2	1	" " " " BLOCK ~~1¼~~ 1⅛" DIA. × ~~1¼~~ 1¼" × ~~5'-0~~ 5'-11"	"	" " 2		4-28 4-11			73-49 ~~28-62~~		
3	1	M.&S. ROD OIL CUP COV. CAP 1" HEX. × 2'-~~8~~ 11"	COMM.	HARD BRASS BAR		4-21 3-19			MKS. 18 29-46		
4	1	" " " " SPINDLE 1¼" DIA. × 5'-3"	C.R.S. BAR	SAE 1020 MKS. 14		"			29-60		
5	1	SIDE " K. " " " 1" DIA. × 1'-3"	"	" " 6		"			29-61		
6	1	M.&S. " " " VALVE 1¾" DIA. × 3'-6"	BAR ST.	" " 12		"			29-62		
7	1	S. ROD KNUCKLE " " " 1¼" DIA. × 1'-6"	"	" " 6		"			29-63		
8	1	" " " " " " GDE 5/8" DIA. × 1'-1"	"	" " 6		"			29-65		
9		GROUP 62—PILOT									
10	1	M.&S. ROD OIL CUP VALVE GDE. ⅞" HEX. × 2'-9"	C.R.S. BAR	SAE 1020 MKS. 12		"			29-64		
11	1	" " " " SPLE. ADPTR. ⅞" DIA. × 2'-0"	BAR ST.	" 1035 " 20		"			29-66		
12	1	LUB. DRIVE & LINK ARMS 2" × 2" × 13"	"	" 1020		"			602-S-15120-1 73-3-4		
13	1	" CONN. ROD 1½" × 1½" × 1'-0"	"	" "		"			" 3 73-5		
14	~~2~~ 3	" " " PIN 1⅜" DIA. × 3"	"	" "		5-1 "			" 5 73-6		
15	~~3~~ 4	" PIN COLLAR 1⅜" DIA. × 1"	"	" "		"			" 9 73-7		
16	1	" RIGG. BUSHING 1¼" DIA. × ~~6~~ 1'-0"	COMM.	HARD BRONZE BAR		"			602-S-15126-7-8 73-10		
17	2	P.R. PKG. TERM. CHECK FITT. 1½" HEX. × 3½"	BAR ST.	SAE 1020		5-5			70-15		
18		GROUP 63 and 64—PIPING									
FOR 10 ENGS. ONLY 19	~~2~~ 4	F.W.H. PIPE CHOKE 1" HEX. × 3"	BAR ST.	SAE 1020		3-13 2-19			632-S-104090 & ~~92~~ 94 68-58 & 63		
20	2	" GAUGE COCK NUT 1" HEX. × 1"	COMM.	C. R. BRASS		"			632-S-18675 68-59		
21	2	" " SLEEVE ¾" DIA. × 1'-0"	BRAZ. METAL	(SUFF. FOR 10 ENGS.)		"			632-S-18675 68-60		
22	1	" " FITTING ⅞" HEX. × 2"	COMM.	C. R. BRASS		"			632-S-18652 68-61		
23	3	BLOWER NOZZLE RING SUPT. ¼" × 1¼" × 4"	BAR ST.	SAE 1020		3-13			632-S-93070 68-64		
24		GROUP 65—PISTON ROD									
25											
26	2	PISTON Rod-Rough Turned, Card No. 652-B-217,	REV. 1 (FOR FUTURE) MED. CARB. STEEL	AAR M-126-45, CL. D, NORM. & TEMP. - 4 C.T.R.		2-21			STD. STEEL WKS. 35-12		
27		HOLLOW BORED AND REAMED									
28											
SUFF. FOR 20 ENGS. 29	2	Billet - PISTON ROD NUTS 8" × 8" × 850#	S-R-Q MED. CAR.	ASTM A-273, CQ-1045		2-19			MKS. 40 35-13		
30		Rod									
SUFF. FOR 20 ENGS. 31	1	P.R. EXT. GUIDE BUSH. DOWEL ½" DIA. × 3'-0"	C.R.S. BAR	SAE 1020		4-17			35-21		
32											
33											
34											
SUFF. FOR 10 ENGS. 35	1	INDICATOR PLUG 1⅜" DIA. × 7'-0"	COMM.	C. R. BRASS		3-3			35-37		
36		GROUP 68—REVERSE LEVER									
37	1	REVERSE SCREW 2⅞" ~~2⅜~~ DIA. × 3'-3½"	BAR ST.	SAE 1045		3-3 1-15	2-12	3-3	36-7		
SUFF. FOR 20 ENGS. 38	1	" " WASHER 3⅛" DIA. × ~~15~~ "	"	" ~~1020~~ 1022		"	"	"	36-8		
SUFF. FOR 20 ENGS. 39	1	" " LATCH ⅞" DIA. × ~~4'-8~~ "	"	" "		4-11			63-37		
SUFF. FOR 20 ENGS. 40	1	" " " PIN 1⅛" DIA. × 5'-0"	"	" "		"			63-38		
SUFF. FOR 20 ENG. 41	1	" " XHD. STOP 1" × 1" × ~~4'~~ 8'-0"	C.R.S. BAR	" "		6-16 "			63-42		
42		GROUP 69—REVERSE SHAFT									
43	1	Reverse Shaft - ENDS SQUARE - 4" DIA. × 8'-~~4~~ 2"	BAR ST.	SAE ~~1022~~ 1020		1-31 1-17			36-29		
44	1	" " BRG. DOWEL ⅝" DIA. × 3½"	"	"		1-29			36-35		
45	1	" " " " ½" DIA. × 1¼"	C.R.S. BAR	"		"			36-36		
46	1	" " SPR. ROD 1¼" DIA. × 2'-10"	BAR ST.	"		3-17			36-30		
47	1	" " " " JAW 2" DIA. × 8"	"	"		"			36-31		
48		GROUP 71—RUNNING BOARD									
49	1 SET	RUNBOARD BRKTS. 1¼" × 4" × ~~17'-6~~ 21'-6"	BAR ST.	SAE ~~1022~~ 1020		~~3-17~~ 1-20			37-18		
50	1 SET	" " 1¼" × 5" × 10'-0"	"	"		"			37-19		
51	1 SET	" " 1" × 4" × ~~7'-6~~ 11'-9"	"	"		3-20			37-20		
52	1	" " (UNDER CAB) 1" × 5" × 4'-0"	"	"		"			37-21		
53	1	" DECK ¼" × 4" × 7'-0"	"	" MKS. 3		2-21			MKS. 2 37-9		
54		GROUP 72—RODS									
55		Billets	MANG. VAN. ST.								
56	1	Front Rod, Side ~~5½~~ 5" × 14" × 1000#	~~S-R-Q~~ MED. CAR.	VAN. CORP. SPEC. 10-C ASTM A-273, CQ-~~1045~~ 1022		1-23 1-2	1-22	2-15	37-54		
57	2	Inter. " " - F. 7" × 20" × 1800#	" "	" "		" "	"	"	37-55		
58	2	" " " - B. 7" × 15" × ~~875~~ 875#	875 " "	" "		" "	"	"	37-56		
59	1	Back " " 5½" × 14" × 1000#	" "	" "		" "	"	"	37-57		
60											
61	2	Main Rod 9" × 18" × 2100#	" "	" "		" "	"	"	37-51		
SUFF. FOR 20 LOCOS. 62	1	KNUCKLE PIN COLLARS 5¾" DIA. × 66"	BAR ST.	SAE 1045		3-5			MKS. 80 37-63		
63	1	MAIN " " " 7½" DIA. × 46"	"	"		"			" 40 37-64		
SUFF. FOR 4 LOCOS. 64	1	Knuckle Pin - F. & B. 5½" × 5½" × 575#	MILD ST.	ASTM A-273, CQ-1022		3-5			MKS. 16 - SUFF. FOR 4 LOCOS.		37-59
65	1	" " - MAIN 7½" × 7½" × 650#	"	"		"			" 8 - " " " "		37-60
66	1	" " KEYS ⅜" × ⅞" × 4"	C.R.S. BAR	SAE 1035		"			" 4	B	
67	1	" " " ⅜" × 1¼" × 2"	"	"		"			" 2	B	

BILLETS AND BARS

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	MATERIAL	SPECIFICATION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 73—SAND BOX									
			BILLETS									
	1		Sander Block									
	2	1	SAND BOX JOINT RING 1/4" x 1 1/4" x 5'-6"	BAR ST.	SAE 1020		12-26			38-40		
	3	1	" TRAP FLANGE 3" DIA. x 6"	"	" (MKS. 8)		1-24			38-41		
	4	1	" BOX SUPT. 2 1/2" DIA. x 1'-0"	"	" (" 4)		2-10			38-31		
	5	1	" " HANDLE 5/8" DIA. x 1'-6"	"	"		"			38-32		
	6	1	S.B. FRONT DOOR LINER 3/8" x 2" x 1'-0"	"	" 75		5-15			39-53		
	7	1 SET	S.B. NETTING 1/4" x 2" x 19'-0"	"	" 75		5-2			39-41		
	8	2	S.B. COVER PLATE EYEBOLT - STEEL - DWG. 742-S-903423 - DIE S-3374 75				5-1			A. L. Co. B		
	9		**GROUP 75—SMOKE BOX**									
	10	1	S.B. DOOR HINGE PIN 1 3/4" DIA. x 1'-2"	BAR ST.	SAE 1020		2-17			39-24		
SUFF. FOR 20 ENGS.	11	1	" " WEDGE 3/4" x 2" x 6'-0"	"	"		3-21 3-3			39-47		
	12	1	" " " 1/2" x 1 1/2" x 3'-0"	"	" See		"			39-48		
	13	1	" " THIMBLE 1 1/4" DIA. x 1'-8"	"	" ABOVE		"			39-49		
	14	1	" " HANDLE 3/4" DIA. x 1'-0"	"	"		"			39-50		
SUFF. FOR 10 ENGS.	15	1 SET	" " LATCH GUIDE 5/8" x 4" x 11'-0"	"	"		"			39-51		
	16	1	" " DEFL. LUG 3/8" x 1 1/2" x 7'-0"	"	"		"			39-52		
	17	2	" BRACE BODY & FOOT 2 1/2" DIA. x 64"	"	"		4-18			39-34-35		
	18		**GROUP 77—SPRING RIGGING**									
	19		Driving Box Saddle									
	20		" " "							403-A-82		
	21	1	ENG. TRK. EQUALIZER 7" x 12" x 1000 #	MILD ST.	ASTM A-273, CQ-1022		1-21 1-20			MKS. 1 41-22		773-A-76
	22	1	Cross Equalizer—F 1 1/2" x 6" x 7'-6"	"	SAE 1020		3-17			MKS. 2 - 1 ENG. 41-5		
	23		" " B									
	24		" " Support									
	25	1	Side " Driv. 6" x 6" x 525 #	"	ASTM A-273, CQ-1022		1-21 1-20			MKS. 4 41-23		
	26	2	" " ~~Front~~ #485 - 3" x 7" x 675 #	"	"		2-7			" 8 - FROG LEG 41-25		
	27		" " Back									
	28		" " Trailer									
	29		" " "									
	30											
	31											
SUFF. FOR 5 ENG.	32	1	Spring Hanger 3" x 4" x 625 #	"	"		1-22			MKS. 10 - 5E. S.H. 41-24 772-S-933		
	33	1	" " 3" x 4" x 625 #	"	"		"			" 8 - 1E. L.H. 41-24 772-A-933		
SUFF. FOR 4 ENGS.	34	1	" " - FT. TRANS. - 6" x 6" x 475 #	"	"		3-17			" 4 - 4E 41-26		
	35		" "									
	36		" "									
	37		" " Roller									
	38											
	39		Spring Hanger Link									
	40		" "									
	41	1 SET	" RIGG. PINS 1 7/8" DIA. x 27'-0"	BAR ST.	SAE 1020		3-10			41-12		
	42	1	" " " 2 3/8" DIA. x 7'-0"	"	"		"			41-13		
	43	1	" " " 3 1/4" DIA. x 1'-8"	"	"		"			41-14		
SUFF. FOR 20 ENGS.	44	1 SET	" " PIN KPR. BOLT 1 5/8" HEX. x 9'-6"	"	"		3-13 "			41-15		
	45	1	SPRING SEAT LINER 1/2" x 6" x 1'-0"	BAR ST.	SAE 1020	5-2	5-1 4-14			41-8		
	46		**GROUP 78—STEAM GAUGE, ETC.**									
	47	2	SAFETY VALVE EXTENSIONS - DRG. 792-S-5821 - ROUGH FORGINGS ONLY -				1-31			B.L.W. 42-12		
	48		B.L.W. DIE 5344									
	49	1	CAB TURRET VALVE STEM 1 1/2" DIA. x 1'-1"	BAR ST.	SAE 1020		1-31			41-61		
SUFF. FOR 20 ENGS.	50	1	" " " GLAND 1 5/8" HEX. x 2'-0"	COMM.	C.R. BRASS		"			41-59		
	51	1	" " " LOCK NUT 1 1/2" DIA. x 2'-0"	"	" "		"			41-60		
	52	2	STEAM GAUGE FITT. COUP. NUT 1" HEX. x 1"	"	" "		2-5			42-9		
	53	1	" " " " SLEEVE 3/4" DIA. x 4'-0"	BRAZING METAL			"			42-10		
	54		**GROUP 80—STOKER**									
	55	5	STOKER JET FITTING 1 1/4" HEX. x 2 1/8"	COMM.	C.R. BRASS		2-5			632-S-18680 68-52		
	56	5	" " " 1 1/8" HEX. x 1 1/2"	"	" "		"			632-S-18720 68-53		
	57	10	" " " COUP. NUT 1 1/2" HEX. x 1 1/8"	"	" "		"			632-S-16808 68-54		
	58	1	" " " " SLEEVE 1 1/8" DIA. x 1'-0"	BRAZ. METAL			"			632-S-18826 68-55		
	59											
	60		**GROUP 81—SUPERHEATER**									
	61		Header Support									
	62		" " Filler									
	63											
	64											
	65											
	66											

BILLETS AND BARS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	SPECIFICATION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM		Purchase Order No.
		GROUP 82—TANK VALVES									
1	1	TANK VALVE EXT. 3/8" x 4" x 1'-7"	BAR ST.	SAE 1020		3-3			MKS. 2	43-14	
SUFF. FOR 2	1	" COCK WASHER 1 3/8" DIA. x 8/16"	STICK BRASS			4-15 4-8				43-49	
20 ENG. 3	1	" " NUT 7/8" HEX. x 16/16"	"	"		4-15				43-50	
4	X	" " 1/2" x 1 1/4" x 4"	BAR ST.	SAE 1020		4-15				43-52	
5											
6		GROUP 84—TENDER BRAKE									
7	X	THRUST ROD 2 3/4" DIA. x 5'-2"	BAR ST.	SAE 1020		3-14 3-13			MKS. 4	K 44-44	
8	1	" " 2 1/4" DIA. x 9'-0"	"	"		3-14 "			" 2	K 44-45	
9	1	DEAD LEVER ANCHOR 1/2" x 2 1/2" x 5'-0"	"	"		"			" 2	44-46	
10	1	CYL. PISTON ROD 1 1/4" DIA. x 2'-0" 2" x 2 1/2" x 28"	"	"		4-8 4-3				K 44-39	
11	X	" " " JAW 2 1/4" DIA. x 9"	"	"		" "				44-40	
12		GROUP 85—TENDER FRAME									
13	1	RERAILER HOOK 1/2" x 2" x 5'-6"	BAR ST.	SAE 1020		4-21			MKS. 4	45-61	
14											
15											
16											
17											
18		GROUP 86—TENDER DRAWGEAR									
19	2	SCREW COUPLER TRUNNION 2 1/8" 3" x 3" x 1'-2"	CHR-NKL-MOLY. ST.	SAE 4340 - HOWELL		1-23	2-17	2-28	372-5-26700-1 CUTS 4 FOR E. & T.	46-62 & 17-23	
SUFF. FOR 20 ENGS. ONLY AND TDRS. 20	1 SET	" " LINK PIN 2 1/8" 2 7/8" DIA. x 25'-0"	"	" (MULT. OF 3'-0")		2-28 5-9	"	2-28	CUTS 8 372-5-26711	46-63 & 17-24	
21	1 SET	" " " " COLLAR 3" 2 7/8" DIA. x 8'-0" 2 7/8"	STEEL	SAE 1020 10228		5-9 2-28	"	"	372-5-26712	46-64 & 17-25	
22	1 SET	" " TRUNNION WASHER 2 1/2" DIA. x 3'-0"	"	"		"	"	"	372-5-26713	46-65 & 17-18	
23	1 SET	" " SCREW WASHER 2 1/8" DIA. x 5'-6"	"	"		"	"	2-27	372-5-26722	46-66 & 17-19	
24		GROUP 87—TENDER DECK									
25	2	DECK GUIDE BAR 5/8" x 3 1/2" x 12'-2 1/2"	BAR ST.	SAE 1020 10228		1-31 1-13				48-31	
26	2	" " SUPT. 3/8" x 5" x 12'-6 1/2"	"	"		" "				32	
27	1	" " — 5/8" x 4" x 2'-6"	"	"		" "				33	
SUFF. F 20 ENG	1	" " 3/8" x 5" x 1'-8"	"	"		3-27 "				34	
29	1	" " 3/8" x 3" x 1'-8"	"	"		"				35	
30		GROUP 88—TENDER TANK									
SUFF. FO 20 ENG	1 SET	TANK BEADING 3/8" x 1 1/2" x 30'-0"	BAR ST.	SAE 1020		4-7 3-6				48-43	
32	1	FILLING HOLE HINGE 1/2" x 2" x 10'-0"	"	"		"			MKS. 8	49-6	
33	1	" " " 1/2" x 2" x 3'-6"	"	"		"			" 6	49-7	
SUFF. F 10 ENG	1	FILLER TOP OF TANK 1/2" x 2" x 5'-0"	"	"		"			" 18	48-40	
35	1	STOKER ENG. COMPT. DOOR 1/4" x 1/2" x 11'-0"	"	"		3-28				49-19	
36		GROUP 89—TENDER TRUCK									
SUFF. FO 20 ENG	1	SIDE BRG. FILLER 3/8" x 4 1/2" x 3'-8"	BAR ST.	SAE 1020 MKS. 4		2-28			MKS. 4	49-64	
SUFF. FO 20 ENG	1 SET	SAFETY CHAIN ENDS 1" DIA. x 24'-0"	"	"		3-20				49-65	
SUFF. FO 20 EN											
SUFF. F 20 ENG											
41											
42		GROUP 90—WATER SCOOP									
43	1	THR. RIGG. PINS 1 1/4" HEX. x 32"	BAR ST.	SAE 1020		3-13				B	
44	1	" " " 7/8" HEX. x 2"	"	"		"				B	
45	1	" " " 3/4" HEX. x 3"	"	"		"				B	
46	1	" " " 3/4" DIA. x 6"	"	"		"				B	
47	1	" W.O. PIPE SUPT. 3/8" x 2" x 3'-6"	"	"		"				B	
48		GROUP 91—THROTTLE AND DRY PIPE				5-2				51-29	
49	1	DRY PIPE SUPT. 1/2" x 6" x 5'-2"	BAR ST.	SAE 1020 10228		1-13				51-17	
50	1	THR. LEV. LATCH LINK 3/8" x 1 1/8" x 1'-0"	C.R.S.	"		2-14 1-15				50-63	
51	1	" ROD JAW 2 1/4" x 2 1/2" x 2'-0"	BAR ST.	"		"				50-64	
52		GROUP 92—TOOLS									
53	1	POKER 3/4" DIA. x 13'-7"	BAR ST.	SAE 1020 10228		1-20				52-11	
54	1	SLICE BAR 3/4" DIA. x 13'-0"	"	"		"				52-12	
55	1	COAL PICK HEAD — DIE FORGING ONLY — DIE S-2120 - DWG. 932-A-2010				1-22			A.L.Co.	52-10	
56	1	STOKER HOOK 3/4" DIA. x 5'-4"	BAR ST.	SAE 1020 10228		1-24				52-38	
57		GROUP 94—VALVES DISTRIBUTION									
58	1	Valve Rod Crosshead 6" x 10" x 260#	MILD ST.	ASTM A-273, CQ-1022		1-6	1-15	1-20	52-56	MKS. 2	
SUFF. FOR 2 ENG. 59	1	Valve Stem 4 1/2" x 4 1/2" x 400#	S-R-Q MED. CAR.	ASTM A-273, CQ-1045		1-8			MKS. 4	52-55	
60	1	" " Key 1/4" x 1/4" x 2"	C.R.S. BAR	SAE 1065		3-7				52-54	
61	1	" " DOWEL 3/8" DIA. x 2"	"	SAE 1035		"				52-52	
62		GROUP 99—MISCELLANEOUS									
SUFF. FOR 20 LOCOS.	1	VALVE STEM DOWEL 1/2" DIA. x 2 1/2"	C.R.S. BAR	SAE 1035		3-7				52-53	
SUFF. FOR 4 LOCOS.	1	" ROD XHD. GDE. LINER 1/8" x 2" x 4'-7"	"	SAE 1020		3-14				52-59	
65	1	V.S. XHD. GDE. SET SCREW 1 1/4" HEX. x 8" 6'-0"	BAR ST.	"		"				52-60	
66	1	MAIN DRIV. WHEEL C/B PLUG 3 1/4" DIA. x 1'-3"	BAR ST.	SAE 1020		2-17 2-14				53-55	

BILLETS AND BARS

ORDER ~~H99~~ 1200

Ck.	Item	Amt. for One Engine	DESCRIPTION	MATERIAL	SPECIFICATION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
✓	1	1	LAT. CUSH. DEV. SHAFT 2½" DIA. x 6'-6"	C.R.S. BAR	SAE 1020 16		3-20			MKS. 4 7-61		
✓	2	1	" " " " WASHER 5¼" DIA. x 10"	BAR ST.	"		"			" 4 7-62		
✓	3	1	" " " " PIN 1¼" DIA. x 4'-6"	"	"		"			" 8 7-63		
✓	4	1	" " " YOKE ½" x 2" x 13'-0"	"	"		"			" 8 7-64		
✓	5	1	" " " " PIN 1¼" DIA. x 3'-6"	"	"		"			" 8 7-65		
✓	6	1	" " " " " RET. LUG ¼" x 1" x 6"	"	"		3-25			" 4 7-66		
✓	7	1	DOOR STOP ½" DIA. x 5'-6"	BAR ST.	SAE 1020 23		3-19			MKS. 2 62-26		
✓	8	1 SET	DOOR BET. CAB & TDR. ¼" x 1" x 10'-0"	BAR ST.	SAE 1020		3-19			62-21		
✓	9	1	VENTILAR STUD ½" DIA. x 10"	BAR ST.	SAE 1020		3-14			MKS. 4 62-16		
	10	1	CAB CEILING BRKT. ¼" x 2" x 9"	1C ST.	"		3-14 ~~2-4~~			62-17		
✓	11	1	CAB APRON HINGE. ⅝" x 2" x 1'-2"	BAR ST.	SAE 1020 23		2-5			12-4		
✓	12	1	CAB BACK OPENING ¼" x 1" x 3'-4"	BAR ST.	SAE 1020 (MKS. 2)	23	2-3			61-34		
✓	13	2	" " " ⅛" x 1" x 5'-3"	"	"	23	"			61-35		
✓	14	1	REAR SLIDING DOOR ¾" x 2" x 6"	BAR ST.	SAE 1020 (MKS 4) 23		1-30			11-13		
✓	15	1	" " " ½" x 1" x 1'-6"	"	" (")		"			11-14		
✓	16	1	" " " ¼" x ¾" x 2½"	"	" (MKS. 2)		"			11-15		
✓	17	2	" " " WINDOW FRAME ~~-FRAME~~ 1/16" x 2" x 6'-8"	"	"		"			11-16		
✓	18	1	" " " - ON DECK ⅝" x ⅝" x 9'-1"	C.R.S.	"		"			11-17		
✓	19	1	" " " — ⅜" x 2½" x 3'-0"	BAR ST.	" (MKS. 2)		"			61-25		
✓	20	1	" " " ⅛" x 1½" x 6'-3"	"	"		"			61-26		
✓	21	1	" " " ½" DIA. x 2'-9"	"	" (MKS. 3)		"			61-27		
✓	22	1	" " " ⅛" x 3" x 5'-0"	"	" (" 2)		"			61-28		
✓	23	1	" " " ⅛" x 6" x 7'-2"	"	"		"			61-29		
✓	24	1	" " " SHEAVE 2¾" DIA. x 6"	"	"		"			61-30		
✓	25	1	" " " " BOLT 1½" DIA. x 1'-0"	"	"		"			61-31		
✓	26	2	WINDOW FRAME - BACK OF CAB 1/16" x 2" x 6'-8"	"	"		"			11-41		
✓	27	2	REAR SLIDING DOOR STOP ½" x 1" x 3'-4"	"	"		"			61-32		
✓	28	X	CYL. CASING ~~SLIDE GUIDE~~ ¼" x 1" x 3'-4"	BAR ST.	SAE ~~1020~~ 1022 31		6-9 1-2	SEE L. 68		15-53 MKS. 4		
✓	29	1	" " CLIP ¼" x 2" x 3'-8"	"	" 31		"			15-64 MKS. 4		
✓	30	1	CAB VENT. PINION 2½" DIA. x 4½"	"	" 23		3-13			B 12-15		
✓	31	1	" " RACK 1" x ¾" x 40"	C.R.S. BAR	"		"			B 12-14		
✓	32	1	" " BACK ⅜" x 6" x 2'-1"	BAR ST.	"		3-14			62-7		
✓	33	1	" " GEAR BRG. ½" x 3½" x 1'-0"	"	"		"			62-9		
✓	34	1	" " ROD ¾" DIA. x 3'-0"	"	"		"			62-10		
✓	35	1	" " " SUPT. ¼" x 1½" x 1'-0"	"	"		"			62-11		
SUFF. FOR 5 ENGS.	36	1	EXHAUST NOZZLE BRIDGE ½" x ½" x 15'-0"	BAR ST.	SAE 1020 44		3-14			19-48		
✓	37	1	GRATE PINS 1 13/16" HEX. x 15"	"	" 52		3-27		B			
✓	38	1	" " 7/8" HEX. x 22"	"	" See 52		"		B			
✓	39	1	" " 1¼" HEX. x 13"	"	" L. 53 52		"		B			
✓	40	1 SET	" " 7/8" DIA. x 10'-0"	"	" 52		"		B			
✓	41	4	GRATE LEVER 1¼" x 3½" x 2'-0"	BAR ST.	SAE 1020 52		3-13			23-11		
✓	42	1	TANK LADDER ½" x 2" x 18'-0"	BAR ST.	SAE 1020 53		3-3			MKS. 2 47-49		
✓	43	1	" " ¾" DIA. x 9'-2"	"	"		"			" 5 47-50		
✓	44	2	FT. TANK HANDLE 1¼" DIA. x 10'-0"	"	"		4-1			47-44		
✓	45	1	BK. " " 1¼" DIA. x 14'-0"	"	"		"			47-45		
✓	46	1	FILLING HOLE LADDER ¾" DIA. x 9'-0"	"	"		"			47-46		
✓	47	~~2~~	~~HANDRAIL END~~ ~~1½" DIA. x 2'-4"~~	"	"		4-15 4-10			23-29		
✓	48	1	BUMPER GRAB IRON ¾" DIA. x 7'-6"	"	"		4-21			60-8		
✓	49	1	GRAB HANDLE ¾" DIA. x 9'-6"	"	"		4-23			47-43		
✓	50	1	HANDRAIL POST SUPT. ¾" x 2½" x 2'-4"	"	"		4-30			60-9		
✓	51	1	JACKET STIFFENER ¼" x 1¼" x 4'-0"	"	" 57		5-12			57-60		
✓	52	1	GRATE ROD JAWS ½" x 2" x 4'-0"	BAR ST	SAE 1020 52		41		B			
✓	53	1	GRATE PIN WASHERS 3" DIA. x 3"	BAR ST.	SAE 1020 52		3-27		B			
✓	54	1	RECEPT. SUPT. - E. & T. ¼" x 4½" x 4'-6"	"	" 54		4-30	See P. 33-D, L. 15-16		55-30-31		
✓	55	1	RUNBOARD LAMP SUPT. ¼" x 4½" x ~~3'-8"~~ 4'-0"	"	"		5-12			55-32		
✓	56	1	CONDUIT SUPT. ¼" x 2" x 7"	"	"		"			55-33		
✓	57	1	" " U-BOLT ¼" DIA. x 5"	"	"		"			55-34		
✓	58	~~1~~	~~ENGR. LAMP SUPT.~~ ~~¼" x 3" x 1'-0"~~	"	"		10-15			55-36		
✓	59	1	CONDUIT CLAMP - TDR. ¼" x 1" x 2'-4½"	"	"		5-5			55-44		
✓	60	1	" " BASE - " ½" x 1" x 1'-7½"	"	"		"			55-45		
✓	61	1	" " — " ¼" x 1¼" x 11"	"	"		"			55-46		
✓	62	1	" " STUD - " ½" DIA. x 1'-4"	"	"		"			55-47		
✓	63	1	BRAKE PIPE CLAMP - F. BPR. ⅜" x 1½" x 1'-5"	BAR ST.	SAE 1020 63		4-30			70-2		
✓	64	1	" " " - " ⅜" x 2" x 1'-10"	"	"		"			70-3		
✓	65	1	" " ADAPT. FITT. 2" HEX. x 2½"	"	"		"			70-4		
✓	66	1	" " CLAMP STUD ⅝" DIA. x 1'-0"	"	"		"			70-5		
✓		1	ST. HEAT CONN. FORK ~~1" x ½" x 1'-0"~~ 1¼" x 1½" x 3'-0"	BAR ST.	SAE 1020 MKS. 4 63		4-29			70-64 ~~69-64~~		
✓		1	CYL. HEAD CASING CLIP 1¼" x 1¼" x 2'-8"	BAR ST.	SAE 1020 MKS. 8 31		4-8			15-57		

BILLETS AND BARS

ORDER ~~1199~~ 1200

Item	Amt. for One Engine	DESCRIPTION		MATERIAL	SPECIFICATION		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM		Purchase Order No.	Ck.
1	1 SET	LUB. OIL FITT. SUPT.	3/8" x 2" x ~~9~~ 12'-0"	BAR ST.	SAE 1020	59		5-7 5-5				70-28-31-32-35-36-46		
2	1 SET	" " " "	3/8" x 3½" x ~~3~~ 1'-0"	"	"			5-7				70-33-34-40-41-42		
3	1 SET	F.W.H. CASING BUTT STRAPS	3/16" x 3" x 9'-0"	BAR ST.	SAE 1020	55		2-13			MKS. 7	65-8 TO 12		
4	1	" " - FRONT	3/16" x 4½" x 5'-9"	"	"	MKS. 3		"				65-14		
5	1	" " SUPT.	3/16" x 2" x 27"	"	"	" 6		"				65-15		
6	1	" VALVE BUSHING	3" HEX. x 1½"	"	"			3-3				68-62		
7	X 2	LUB. OIL PIPE CLAMP	½" x 1½" x 2'-9"	"	"	59		5-9 5-5				70-23		
8	X 2	" " " "	¾" x 1½" x 1'-5"	"	"			"				70-24		
9	X 2	" " " " SUPT.	½" x 2" x 2'-6"	"	"			5-9 "			~~MKS. 4~~	70-25-29		
10	1 SET	" " " " —	½" x 1¼" x ~~1~~ 18'-0"	"	"			5-7 "				70-26-37-44-45		
11	1 SET	" " DIV. SUPT.	3/8" x 2½" x ~~6~~ 6'-6"	"	"			"			~~MKS. 4~~	70-27-30-39-43-49 ~~44-45~~		
12	1	JACKET CLAMP STUD	3/8" DIA. x 15'-0"	BAR ST.	SAE 1020	57		1-27			CUTS 28	B		
13	1	" " "	½" DIA. x 15'-0"	"	"			"			" 20	B		
14	1 SET	LUB. OIL HOSE FITT.	1¼" x 1¼" x 12'-0"	"	"	59		5-5			" 26	7-8-9-10-11-12-14 (70)		
15	1	LUB. DRIVE PIN	1⅝" DIA. x 9"	"	"			5-1				73-50		
16	1	" CONN. ROD	1¼" x 2" x 11"	"	"			"				73-51		
17	1	" DRIVE ARM	2" x 2" x 10"	"	"			"				73-52		
18	1	XHD. OIL CUP VALVE	1¼" DIA. x 6"	BAR ST.	SAE 1020			4-28				73-43		
19	1	" " " CAP	1" HEX. x 3"	HARD BRASS BAR				"				73-44		
20	1	" " " COVER	3/8" x 2⅝" x 9"	C.R.S. BAR	SAE 1020	59		5-1				73-38		
21	1	M. & S. ROD OIL CUP COVER	3/8" x 7⅛" x 25"	C.R.S. BAR	SAE 1020	59		4-1				29-47		
22	1	SIDE " " " " - F.&B.	3/8" x 3⅛" x 24"	"	"			"				"		
23	1	" " " " " - INT.	3/8" x 4" x 24"	"	"			"				"		
24	1	" " " " " - K.P.	3/8" x 3⅝" x 16"	"	"			"				"		
25	1	ECC. ROD OIL CUP VALVE	1¼" DIA. x 15"	BAR ST.	"			4-7				73-13 & 22 & 24		
26	1	" " " " " GUIDE	1⅛" DIA. x 5"	"	"			"				73-14		
27	1	" " " " SPINDLE	1" DIA. x 6"	"	"			"				73-15		
28	1	" " " " " ADAPTER	⅞" DIA. x 2"	"	SAE 1045			"				73-16		
29	1	" " " " COV. CAP	1" HEX. x 5"	HARD BRASS BAR				"				73-17 & 25		
30	1 SET	CYL. & ST. CHEST OIL PLUGS	1¼" HEX. x 38"	"	"	"		"			MKS. 6	73-30-31		
31	1	ECC. ROD OIL CUP COVER	3/8" x 2¾" x 9"	C.R.S. BAR	SAE 1020			4-9				73-12		
32	1	LINK TOP. " " "	3/8" x 2⅜" x 8"	"	"			"				73-~~21~~ 31		
33	1	" BLOCK " " "	1/16" x 3" x 6"	BAR ST.	"			"				73-32		
34	1	PISTON ROD EXT. GUIDE "	¼" x 2⅜" x 7½"	C.R.S. BAR	"			4-17				73-37		
35	1	XHD. O.C. COUP. NUT	1 1/16" HEX. x 2½"	STICK BRASS				4-28				73-39		
36	1	" " VALVE GUIDE & W.	1" DIA. x 8"	BAR ST.	SAE 1020			"				73-40 & 42		
37	1	" " SPINDLE & ...	1" HEX. x 8"	"	"			"				73-41		
38	~~4~~	ST. HEAT CONN. ~~FORK~~ - DWG. ~~633-S-93140~~ 633-S-93140		SEE P. 33-A, L. 67	ROUGH FORGINGS ONLY	63	4-28	4-23 4-21			B.L.W	69-61		
39	4	" " " SPLIT RING (8 HALVES) - DWG. 633-S-93141-Z						5-1 "			"	69-62		
40	4	" " " LOCK - DWG. 633-S-93146-Z						"			"	69-63		
41	1	BLOWER PIPE FLANGE JT. RING	2⅛" DIA. x 18"	BAR ST.	SAE 1020	63		3-13				68-65		
42	4	BY-PASS FITTING NIPPLE	3¼" HEX. x 5"	"	"			4-8				69-13		
43	1	SAND PIPE CLAMP	3/8" x 1½" x ~~12~~ 1'-0"	"	"			4-28 4-11				69-14		
44	1	" " SUPT.	½" x 2½" x 3'-2"	"	"			"				69-16		
45	1	" " "	5/8" x 2½" x 11'-0"	"	"			"				69-17		
46	1	" " U-BOLT	5/8" DIA. x 6'-6"	"	"			"				69-18		
47	1	" " RING	2¾" DIA. x 5"	"	"			"				69-19		
48	~~1~~	~~FLEX. JT. SUPT. - STOKER - TDR.~~	~~½" x 5½" x 11"~~	"	"			5-1 "				69-23		
49	~~13~~ 4	S.C. PRESS. GAUGE FITT.	⅞" HEX. x 2"	STICK BRASS				4-15 "				69-25-26-31-34-35		
50	2	" " " " NUT.	1⅛" HEX. x 1"	"	"			"				69-27		
51	~~13~~ 3	" " " " "	1" HEX. x 1"	"	"			4-15 "				69-28-32-36		
52	10	" " " " SLEEVE	⅞" DIA. x 1'-0"	BRAZ. METAL				"				69-29		
53	2	" " " UNION FITT.	⅞" HEX. x 1'-0"	"	"			"				69-30		
54	1	GAUGE FITT. SLEEVE	¾" DIA. x 1'-0"	"	"			4-15				69-33		
55	1	FLEX. JT. SUPT. - STOKER ST.	½" x 5½" x 22"	BAR ST.	SAE 1020			4-17				69-37		
56	1	BRAKE PIPE SUPT. - TRAIN L.	½" x 3" x 9½"	"	"			"				69-39		
57	1	" " " U-BOLT	½" DIA. x 8¼"	"	"			"				69-40		
58	1	F.W.H. PIPE SUPT.	¾" x 5½" x 2'-2"	"	"			4-21				69-42		
59	1	" " CLAMP	⅜" x 1½" x 7"	"	"			"				69-43		
60	1	" " "	⅞" DIA. x 6"	"	"			"				69-44		
61	1	" " "	⅜" x 2¼" x 5'-0"	"	"			"				69-45-47-49-51		
62	1	" " "	1⅛" DIA. x 2'-8"	"	"			"				69-46-48-50-52		
63	2	" " "	⅜" x 2" x 8"	"	"			"				69-53		
64	1	" " "	2" x 4½" x 9"	"	"			"				69-55		
65	1	" " "	½" x 2" x 2'-6"	"	"			"				69-56		
66	1	ST. HEAT CONN. CRANK	5/8" DIA. x 3'-4"	"	"	MKS. 4		"				69-57		
67	1	" " " HOOK	5/16" DIA. x 4'-4"	"	"	" 4		"				69-58		
68	1	" " HOSE CLAMP	⅜" x 1 3/16" x 8'-8"	"	"	" 16		"				69-59		
69	1	" " " " RING	⅛" x 1⅜" x 5'-4"	"	"	" 8		"				69-60		

BILLETS AND BARS

ORDER ~~1199~~ 1200

Ck.	Item	Amt. for One Engine	DESCRIPTION	MATERIAL	SPECIFICATION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
46	1	1	REV. SHAFT KEY 3/4" x 3/4" x 10"	C.R.S. BAR	SAE 1020 68		3-17			36-16		
	2	1	" " SPRING ARM 1 7/16" x 4 1/4" x 6"	BAR ST.	" 69		"			36-17		
	3	1	RUNBOARD BRKT. 3/4" x 6" x 2'-4"	"	" 71		3-28			37-7		
	4	1	REV. SHAFT ARM HORIZ. PIN WASHER 3 1/8" DIA. x 1 1/4"	"	" 69		4-18			36-32		
	5	1	" SCREW NUT 4 7/8" DIA. x 3"	"	"		5-12			35-65		
	6	1	M. & S. ROD OIL CUP SPR. SEATS 1 1/2" DIA. x 2 1/2"	C.R.S. BAR	"		4-21			MKS. 4 29-55		
	7	1	MAIN ROD F. STUB BLOCK DOWEL 3/4" DIA. x 4"	C.R.S. BAR	SAE 1020 72		3-19			MKS. 2 37-27		
	8	1	" " " " WASHER ~~1 7/8"~~ 1 5/8" DIA. x ~~1'-10"~~ 1'-8"	BAR ST.	SAE 1020		4-3			" 4 37-47		
	9	1	" " " " WEDGE 4 1/4" DIA. x 10 1/2"	"	" 1045		4-3			37-24		
	10	1	" " " " BLOCK 4" x 5" x 10"	"	" "		"			37-25		
	11	1	REV. SCREW HAND WHEEL KEY 3/8" x 3/8" x 1"	C.R.S. BAR	SAE 1020 68		4-11			63-43		
	12	1	" " SUPT. 1/2" x 3 1/4" x 6"	BAR ST.	"		"			63-45		
	13	1	" " " 1 1/2" DIA. x 3"	"	"		"			63-46		
	14	1	" " BRG. BACK 3 1/4" x 4 3/4" x 6"	"	"		"			63-48		
	15	1	" " " FRONT 2 1/4" x 3 1/2" x 6"	"	"		"			63-49		
	16	1	" " " LINER 1/8" x 3 1/2" x 6"	C.R.S. BAR	"		4-16			63-50		
	17	1	" " XHD. TRUN. NUT WASHER 3 7/8" DIA. x 5/8"	BAR STEEL	"		4-16			63-53		
	18	1	" " H.W. HANDLE 1 1/2" DIA. x 5"	"	"		"			63-56		
	19	1	" " " " PIN 3/4" DIA. x 6"	"	"		"			63-57		
	20	1	" " XHD. GUIDE DOWEL 3/4" DIA. x 1 1/4"	C.R.S. BAR	"		"			63-59		
	21	~~1~~	" CYL. SUPT. ~~3/4" x 4" x 1'-5"~~	BAR ST.	"		"			35-64		
	22	~~1~~	" ~~SCREW~~ GEAR SUPT. - B ~~3/4" x 5" x 1'-5"~~	"	"		7-21			63-61		
	23	1	" " " " F.F. BLK. 2 1/2" DIA. x 4"	"	"		"			63-62		
SUFF. FOR 20 ENGS.	24	2	REV. SCREW CROSSHEAD 8" x 8" x 850#	MED. CAR.	ASTM A-273, CQ-1045		4-21			63-51		
	25	1	SPR. RIGG. WEAR PL. 5/8" x 5 1/2" x 1'-6"	BAR ST.	SAE 1020 77		3-17			MKS. 2 41-10		
	26	1	" " " " 1/8" x 5 1/2" x 1'-6"	"	"		"			" 2 41-11		
	27	1	CAB TURRET DRY PIPE SUPT. 5/8" x 2" x 2'-5"	BAR ST.	SAE 1020 78		2-19			41-51		
	28	2	" " " " " STUD 1 1/8" DIA. x 5"	"	"		"			41-52		
	29	1	" " BRACE 1/2" x 2" x 1'-0"	"	"		3-6			42-5		
	30	1	DEFL. PLATE WELT STRIP 3/16" x 3" x 7'-0"	"	" 75		4-30			39-13		
	31	1	UPPER DEFL. PL. SPACER 1/4" x 2" x 1'-6"	"	"		"			39-43		
	32	2	ST. PIPE CASING BAND 1/8" x 1 1/2" x 2'-9"	BAR ST.	SAE ~~1022~~ 1020 79		1-8			42-48		
	33	1	" " " CLAMP STUD 3/8" DIA. x 4'-6"	"	"		5-7			42-35		
	34	1	REACH ROD GUIDE 3/4" x 2 1/2" x 5"	"	" 69		4-23			58-38		
	35	1	" " " PIN & WASHER 1 3/8" DIA. x 5"	"	"		"			58-39-40		
	36	1	" " " FILL. BLOCK 2 1/2" DIA. x 5"	"	"		"			58-42		
	37	1	" " FRONT END 2 3/8" DIA. x 14"	"	"		"			58-44		
	38	1	" " BACK END O.S. JAW 1 1/2" x 4 1/2" x 15"	"	"		"			58-45		
	39	1	" " " " I.S. " 4" x 4" x 10"	"	"		"			58-46		
	40	~~1~~	" " ~~GUIDE~~ ~~3/4" x 5" x 1'-9"~~	"	"		5-7			58-47		
	41	~~1~~	" " ~~JAW~~ ~~4" DIA. x 1'-0"~~	"	"		4-28			58-48		
	42	1	HANDBRAKE SHEAVE SUPT. 3/4" x 6" x 9'-0"	"	" (6) 84		5-2			44-32		
	43	1	" " " " 1/2" x 2 3/4" x 5"	"	"		"			44-33		
	44	1	" " ROD 7/8" DIA. x 5'-6"	"	"		"			44-34		
	45	1	" " " CLEVIS 1" DIA. x 2'-0"	"	"		"			44-35		
	46	1	" " " SUPT. 1/2" x 2" x 3'-2"	"	"		"			44-36		
	47	1	" " CHAIN LINK 1/2" DIA. x 2'-8"	"	"		"			44-37		
	48	1	" " SUPT. 1/2" x 2" x 2'-5"	"	"		"			44-38		
	49	1	TIE ROD 1 1/4" DIA. x ~~2'-6"~~ 40"	BAR ST.	SAE 1020 84		4-8 4-3			K 44-41		
	50	1	" " JAW ~~1 1/4" DIA. x 1'-8"~~ 3/4" x 2 3/4" x 40"	"	"		"			K 44-42		
	51	1	CYL. LEVER SUPT. 1/2" x 2" x 11'-0"	"	" MKS. 3		4-24			44-47		
	52	1	BRAKE PIN ~~1/2" 1 3/8" DIA. x 11'-6"~~ 1 5/8" " x 0'-7"	"	"		6-9 5-5			44-10		
	53	1	" " ~~1 7/8" " x 1'-0"~~	"	"		"			44-21 44-22		
	54	1	RADIAL BUFFER LOCK - TDR. 1/4" x 1 3/4" x 7"	BAR ST.	SAE 1020 86		4-11			21-62		
	55		COUPLER HOOK - SEE P. 29, L. 34		86		2-5					
SUFF. FOR 20 E.&T.	56	1	SCREW COUPLER HDLE. PIN & WASHER - 1" DIA. x 10'-0" - BAR ST. - SAE 1020		86		1-31	2-17	2-27	17/17 & 46/53		
	57	2	SCREW COUPLER CLEVIS (1 LOCO. 1 TDR.) - DWG. 372-S-26730-Z	CHROME-NICKEL			2-28 1-31	"	2-28	B.L.W. 17/12 & 46-48		
	58	2	" " LIFTING HANDLE (1 LOCO. 1 TDR.) - DWG. 372-S-26731-Z	MOLY. STEEL -			" "	"	1.	B.L.W 17/13 & 46-49		
	59	2	" " LEVER (") - DWG. 372-S-26720	ROUGH			"	"	2-27	B.L.W. 17/14 & 46-50		
	60	2	" " SCREW (") - " 372-S-26721	FORGINGS			3-3 "	"	2-27	B.L.W. 17/15 & 46-51		
	61	4	" " LINK (2 LOCO. 2 TDR.) - " 372-S-26710-~~Z~~Y	ONLY			5-12 2-28	"	"	B.L.W. 17/16 & 46-52		
	62	4	STOKER TROUGH SUPT. 3/4" x 6" x ~~6'-8"~~ 5'-7 2"	BAR ST.	SAE ~~1022~~ 1020 87		3-3 1-13			48-44		
	63	2	" ENGINE " 3/4" x 6" x ~~5'-2"~~ 4'-9"	"	"		"			48-45		
	64	1	TOOL BOX DOOR EYE 5/8" DIA. x 9"	"	"		5-9			47-65		
	65											
	66											
	67	1	CONN. ROD JAW 2 1/8" DIA. x 2'-6"	BAR ST	SAE 1020 84		5-5			44-23		
	68	1	" " — 1" DIA. x 8'-6"	"	" 84		"			44-24		

BILLETS AND BARS

ORDER ~~1199~~ 1200

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	SPECIFICATION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
1											
2											
✓ 3	1	STOKER ENG. COMPT. DOOR ROD 5/8" DIA. x 4'-4"	BAR ST.	SAE 1020 88		3-28			49-21		
✓ 4	1	" " " LATCH LUG 1 1/4" x 1 1/2" x 1'-0"	"	"		"			49-22		
✓ 5	1	" " " " EYE 1 1/4" DIA. x 6"	"	"		"			49-23		
✓ 6	1	" " " DOOR ROD STOP 3/8" x 3" x 3"	"	"		"			49-24		
✓ 7	X	FILLING HOLE HINGE ~~2" DIA. x 7'-0"~~	"	"		4-7 4-1			48-10		
✓ 8	1	" " HANDLE 1" DIA. x 4'-6"	"	"		"			48-11		
✓ 9	1	WATER LEVEL INDICATOR 1/2" x 3" x 4'-4"	"	"		"			66-44		
✓ 10	1	" " " 7/8" DIA. x 20'-0"	"	"		"			66-45		
✓ 11	1	" " " 3 3/4" DIA. x 1 1/4"	"	"		"			66-46		
✓ 12	1	" " " 3" DIA. x 2"	"	"		"			66-47		
✓ 13	2	FILLING HOLE HINGE PIN 1" DIA. x 9'-9"	"	"		4-7			48-9		
✓ 14	1	TANK 3/8" x 5 1/2" x 3'-0"	"	"		"			49-18		
✓ 15	1	WATER LEVEL IND. BRKT. 1/4" x 1 1/4" x 2'-0"	"	" 54		4-8			23-52		
SUFF. FOR 20 ENGS. 16 ✓	1	" " " " BOSS 1" DIA. x 5'-0"	"	" 54		"			23-53		
✓ 17	1	COAL GATE LATCH 1/4" DIA. x 7'-0"	"	" 88		5-2			66-50		
✓ 18	1	" " " GUARD 1/2" x 2" x 2'-10"	"	"		"			66-51		
✓ 19	1	" " STOP 3/4" x 4 1/2" x 2'-4"	"	"		"			66-52		
✓ 20	1	" " SLIDE CLAMP 1 1/2" DIA. x 10"	"	"		"			66-53		
✓ 21	1	" " " HDLE. 3/4" x 2 1/2" x 3'-0"	"	"		"			66-54		
✓ 22	1	" " HINGE 2" DIA. x 5'-4"	"	"		"			66-55		
✓ 23	1	" " " 1 5/8" DIA. x 6'-0"	"	"		"			66-56		
✓ 24	1	W. LEV. IND. ROD BRKT. 1/2" x 3" x 2'-2"	"	"		"			66-57		
✓ 25	2	RAIL WASHER PIPE SUPT. 1/2" x 2 1/2" x 2'-6"	"	" 63		5-14			71-2		
✓ 26	6	ASH PAN PIPE CLAMP 1/4" x 2" x 6"	"	"		"			71-3		
✓ 27	1	" EJECTOR SUPT. 1/2" x 2" x 3'-2"	"	"		"			71-4		
✓ 28	1	" " " U-BOLT 1/2" DIA. x 13"	"	"		"			71-5		
✓ 29	1	RAIL WASHER PIPE U-BOLT 1/2" DIA. x 2'-2"	"	" (MKS. 4)		"			71-6		
✓ 30	1	THR. SHT. OIL TERM. CH. FITT. 1 1/4" 1 1/8" HEX. x 4"	"	"		6-12			71-9		
31	1	ATOMIZER ST. LINE UNION NUT 1 5/8" HEX. x 1 1/4"	COMM.	C.R. BRASS		"			71-7		
SUFF. FOR 20 ENG. 32	1	" " " " SLEEVE 1 1/4" DIA. x 2'-6"	BRAZ.	METAL		5-16			71-8		
✓ 33	1	THROTTLE LEVER LINK 1 1/2" 2" x 2" x 13" DIA. x 4'-8"	BAR ST.	SAE 1020 91		1-16 1-15			50-65		
✓ 34	1	" " LATCH 9/16" x 1 1/2" x 6"	C.R.S.	"		1-23			51-37		
✓ 35	1	" " QUADRANT 7/8" x 2 1/2" x 3'-0"	BAR ST.	"		"			51-38		
✓ 36	1	" COMP. LEVER 2" x 3 1/2" x 1'-4"	"	"		"			51-39		
✓ 37	1	" ROD END 1 1/4" DIA. x 3'-10"	"	"		"			50-61		
✓ 38	1	" " — 2" DIA. x 1'-10"	C.R.S.	"		"			50-66		
✓ 39	1	" COMP. LEV. FULC. 3 1/4" DIA. x 8"	BAR ST.	"		"			51-32		
✓ 40	1	" ROD ADJ. BAR 1 1/8" DIA. x 2'-1"	C.R.S. BAR ✓	"		5-7			51-33		
✓ 41	1	" " SUPT. 5/8" x 2 1/2" x 1'-0" 1'-8"	BAR ST.	"		4-28 5-7			51-34		
✓ 42	1	" " " 2" x 2 1/2" x 1'-2"	"	"		"			51-35		
✓ 43	1	" " GUIDE 2" x 2 1/2" x 9"	"	"		"			51-36		
✓ 44	1	" " LATCH GUIDE 1 3/4" x 2 1/4" x 4 1/2"	C.R.S.	"		1-24			B		
✓ 45	1	DRY PIPE ELBOW STUD 1 3/8" DIA. x 1'-6"	BAR ST.	"		1-27	CUTS 2		B		
SUFF. FOR 20 ENGS. ✓ 46	1	" " CLAMP BOLT WASHER 2 3/8" DIA. x 2 1/4"	"	"		"	" 3		B		
✓ 47	1	THR. LEV. SUPT. OIL CUP 1 1/8" HEX. x 24"	"	"		"	" 20		B		
✓ 48	1 SET	" HDR. W.O. COV. HOOKS 3/16" DIA. x 4'-6"	"	"		1-28			39-39-40		
49	1	" LEV. SAFETY PIN 1/4" DIA. x 4"	C.R.S. BAR	"		9-23			51-8		
50	1	CRANK PIN SOCKET WRENCH 1 1/4" DIA. x 2'-8"	"	" 92		4-10			51-61		
✓ 51	1	STOKER JET CLEANING HOOK 3/8" DIA. x 4'-6"	BAR ST.	SAE ~~1022~~ 1020 92		1-24			52-39		
SU 2 D ✓ 52	1	P.V. PKG. RING LOCK PIN 5/16" DIA. x 16"	C.R. BAR ST.	SAE ~~1022~~ 1020 94		1-14	MKS. 4		52-48		
53											
54											
✓ 55	1	CONDUIT CLAMP 1/4" x 1 1/4" x 2'-8"	BAR ST.	SAE 1020 54		5-12			55-11		
56	1	CONDUIT CLAMP STUD 1/2" DIA. x 1'-4"	BAR ST.	SAE 1020		5-12			55-61		
✓ 57	1	" " — 1/4" x 1" x 3'-2"	"	"		"			55-9		
✓ 58	1	" " BASE 1/2" x 1" x 2'-2"	"	"		"			55-10		
F 59	1 SET	OIL DIVIDER SUPT. 3/8" x 3" x 3'-6"	BAR ST.	SAE 1020 59		5-7			70-47-48		
60	1 SET	LUB. OIL HOSE ADAPTER 1" HEX. x 7'-6"	COMM.	C.R. BRASS (MKS. 52)		"			70-50		
E 61	1 SET	" " PIPE FITTING 7/8" HEX. x 9'-0"	"	" " (" 54)		"			70-51		
62	1 SET	" " " " NUT 1" HEX. x 4'-9"	"	" " (" 57)		"			70-52		
✓ 63	6	" " " " SLEEVE 3/4" DIA. x 1'-0"	BRAZ.	METAL		"			70-53		
✓ 64	6	" " " UNION FITT. 1" HEX. x 1'-0"	"	"		"			70-54		
✓ 65	1	LEVER ON WHISTLE 3/8" x 1 3/8" x 8 1/2"	BAR ST.	SAE 1020 96		5-17			54-10		
66	1	ENG. TRUCK SLING 1 1/4" DIA. x 4'-0"	BAR ST.	SAE 1020 99		5-9			54-63		
67	1	" " " 1" x 3 1/2" x 10"	"	"		"			54-64		
68	1	" " " 1/2" x 2 1/2" x 6"	"	"		"			54-65		

BILLETS AND BARS

ORDER 1200

Ck.	Item	Amt. for One Engine	DESCRIPTION		MATERIAL	SPECIFICATION		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
	1	1 SET	LUB. ATOMIZER SUPT.	1/2" x 2 1/2" x 3'-0"	BAR ST.	SAE 1020 (MKS. 3)			5-15			71-11-12		
	2	1 SET	DRAIN COUP. NUT	1" HEX. x 1'-0"	COMM.	C.R. BRASS (" 11)			"			71-13		
	3	1 SET	" FITT.	7/8" HEX. x 9"	"	" " (" 5)			"			71-14		
	4	1	" COUP. SLEEVE	3/4" DIA. x 1'-0"	BRAZ.	METAL			"			71-15		
	5	1 SET	LUB. OIL PIPE CLAMP	1/2" x 1 1/4" x 6'-3"	BAR ST.	SAE 1020			"			71-16		
	6	1	" " " "	1/4" x 1 1/4" x 1'-0"	"	" (MKS. 2)			"			71-17		
END. FOR 20 ENG.	7	1	STEAM HEAT FLANGE	5 3/4" DIA. x 4'-0"	"	"			5-22			71-21-22		
	8	1	RELEASE VALVE HDLE SUPT.	1/4" x 1 1/2" x 10"	"	"			5-23			TDR. 71-25		
	9	1	SHAFT ARM	3/8" x 1 3/4" x 6"	"	"			"			" 71-26		
	10	1	C.O. COCK ROD PINS	5/8" DIA. x 3 1/2"	"	"			"			" 71-27		
	11	1	" " " "	1/2" DIA. x 3'-6"	"	"			"			" 71-28		
	12	1	RELEASE VALVE HANDLE	1/4" DIA. x 9'-7"	"	"			"			" 71-29		
	13	1	PIPE SUPT. - TDR	1/2" x 2" x 16'-0"	"	"			"			71-30		
	14	1	" " - "	1/2" x 2 1/2" x 8"	"	"			"			71-31		
	15	1	" " - "	1/2" x 3 1/2" x 1'-0"	"	"			"			71-32		
	16	1	" " - "	1/2" x 3 1/4" x 5"	"	"			"			71-33		
	17	1	PIPE U-BOLT - "	1/2" DIA. x 10'-0"	"	"			"			71-34		
	18	1	" " - "	5/8" DIA. x 5'-9"	"	"			"			71-35		
	19	1	" SUPT. - "	3/8" x 2" x 12'-0"	"	"	(MKS. 13)		5-28			71-36		
	20	1	" " - "	3/8" x 4" x 9"	"	"			"			71-37		
	21	1	" " - "	3/8" x 1 1/2" x 7"	"	"			"			71-38		
	22	1	" " - "	3/8" x 3" x 5"	"	"			"			71-39		
	23	1	" U-BOLT - "	5/8" DIA. x 12'-6"	"	"	(MKS. 13)		"			71-40		
	24	1	AIR RES. SUPT. - "	1/2" x 2" x 9'-0"	"	"	(" 6)		5-29			71-41		
	25	1	KEY - "	1/4" x 3/4" x 4"	"	"	(" 2)		"			71-43		
	26	1	PIPE CLAMP SUPT.	3/8" x 1 1/2" x 2'-9"	"	"	(" 5)		6-4			71-44		
	27	1	" " —	1/4" x 1 1/2" x 1'-6"	"	"	(" 5)		"			71-45		
	28	1	ST. HEAT PIPE SUPT.	1/2" x 4 1/2" x 6"	"	"			"			71-48		
	29	4	" " & DEL. PIPE SUPT.	1/2" x 2" x 2'-4"	"	"			"			71-48		
	30	4	" " DEL. & A.P. DISCH. CLAMP	3/8" x 2" x 1'-8"	"	"			"			71-50		
	31	4	" " & DEL. PIPE SUPT. BRACE	1/4" x 2" x 19"	"	"			"			71-51		
	32	2	" " " " " " —	1/2" x 2" x 1'-7"	"	"			"			71-52		
	33	2	" " " " " CLAMP	3/8" x 2" x 10"	"	"			"			71-53		
	34	2	" " " " " SUPT. BRACE	1/4" x 2" x 1'-0"	"	"			"			71-54		
	35	3	" " " A.P. DISCH. PIPE SUPT.	1/2" x 2" x 1'-7"	"	"			"			71-55		
	36	3	" " " " " " CLAMP	3/8" x 2" x 10"	"	"			"			71-56		
	37	3	" " " " " " SUPT. BRACE	1/4" x 2" x 1'-0"	"	"			"			71-57		
	38	1 SET	BRAKE PIPE SUPTS.	1/2" x 2" x 10'-6"	"	"			"			30-31-34-46-49		
	39	1 SET	" " CLAMPS	3/8" x 2" x 6'-6"	"	"			"			30-32-35-47-50		
	40	1 SET	" " SUPT. BRACE	1/4" x 2" x 5'-8"	"	"			"			30-33-48-51		
	41	1	PIPE SUPT. - TDR.	1/2" x 2 1/2" x 1'-11"	"	"			6-6			FOR SHIPMENT 54-60		
	42	1	" U-BOLT - "	~~5/8~~ 1/2" DIA. x ~~8~~ 9 1/2"	"	"			7-18			54-61		
	43	1	BRAKE PIPE ADAPTER	2" HEX. x 2 1/4"	"	"			"			54-62		
FOR 10 ENG. ONLY	44	1	F.W.H. PIPE SUPT.	5/8" x 3" x 2'-9"	"	"			9-27			71-61		
FOR 10 ENG. ONLY	45	2	" C.P. DEL. & E.P. SUPT.	3/4" DIA. x 1'-0"	"	"			"			71-60		
	46													
FOR 10 ENGS. ONLY	47	1	INJ. START. VALVE BRKT. BOSS	2" DIA. x 1'-0"	BAR ST.	SAE 1020	18		6-30			60-51-52		
	48	1	AIR PUMP STRAINER BRKT.	3/4" x 6" x 1'-3 1/4"	BAR ST.	SAE 1020	19		5-28			9-35		
	49	1	" GOV. SUPT. WASHER	1 1/2" x 3" x 5"	"	"			6-23			10-28		
	50													
	51	1	CONDUIT FITT. SUPT.	1/4" x 3 1/2" x 6"	"	"	54		7-24			24-66		
END. FOR 20 ENGS.	52	1	WATER LEVEL IND. BRKT. BOSS	1" DIA. x 5'-3"	"	"			7-23			24-17		
	53	X	~~CYL. OIL STUD POCKET FRAME~~	~~1/4" x 1 1/2" x 10'-0"~~	"	"	~~59~~		9-4 6-9			27-61		
END. FOR 20 ENGS.	54	2	MARKER LAMP STUDS - E. & T.	3/16" DIA. x 10'-0"	"	"	54		9-22			25-3-4		
	55	1	OIL CUP WASHERS	1" DIA. x 6"	C.R.S. BAR	" (MKS. 8)	59		10-17			29-3-4-5		
	56													
	57	1	DEFLECTING PLATE HANDLE	3/4" DIA. x 8'-0"	BAR ST.	"	75		6-18			39-14		
	58	1	" " SUPT.	5/8" x 3" x 1'-8"	"	"			"			39-17		
	59													
	60	1	DOORS BET. ENG. & TDR.	1/4" x 1" x 1'-8"	"	" (MKS. 4)	23		7-18			62-59		
	61	1	" " " " "	3/16" x 7/8" x 5"	"	" (" 2)			"			62-60		
	62	1	" " " " "	2" DIA. x 3"	"	" (" 4)			"			62-64		
	63													
	64													
	65													

BILLETS AND BARS

ORDER 12,00

Item	Amt. for One Engine	DESCRIPTION	MATERIAL	SPECIFICATION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.
1	1	STOKER REV. VALVE LEVER 3/8" x 1 1/4" x 5'-6"	BAR ST.	SAE 1020 88		5-28			67-43	
2	1	" " " " FULC. 3/8" x 2" x 1'-6"	"	"		"			67-44	
3	1	" " " " PIN 3/4" DIA. x 5"	"	"		"			67-45	
4	1	" ENG. DR. VL. ROD SUPT. 1/4" x 2" x 1'-3"	"	"		"			67-46	
5	1	" " " " " " 1/4" x 1" x 2"	"	"		"			67-47	
6	1	" " " " " - 1/4" DIA. x 3'-6"	"	"		"			67-48	
7	1	" " " " " LOCK 1/4" x 1 1/2" x 2"	"	"		"			67-49	
8										
9										
10										
11	1	FIRE TOOL SUPT. 2" x 1/4" x 0'-9"	BAR ST	SAE 1020 92		9-4			66-62	
12	1	" " " 2" x 1/2" x 3'-9"	"	"		"		MKS 3	66-63	
13	1	TANK LIFTING LUG 6" x 3/4" x 1'-9"	"	"		"		" 2	66-64	
14										
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ORDER

Ck.	Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 10—ASH PAN							
	1		Ash Pan—General Steel Casting Co.'s Pt. No.							
	2									
	3									
✓	4	10	Ash Pan Damper Hinges – 8" HEAVY – STRAP – BLANK – STANLEY 902 OR EQUAL		3-19			1-55		
	5	1	" " LATCH PIN CHAIN – 12" LONG – #2 NIAGARA OR EQUAL FIRE DOOR CHAIN		3-27			1-52		
	6		Oil Pan Damper Hinges							
	7		Oil Pan Air Opening Flues							
	8		Oil Pan Gasket							
	9		Ash Pan Hose							
	10		" " " Clamps							
	11									
	12		**GROUP 12—BELL AND DETAILS**							
	13									
	14		Bell Ringer							
	15									
	16		Bell Ringer Operating Valve (Engineer's)							
	17									
	18		Bell Cord							
	19		" Chain							
	20		" Rope Commercial Eye (in Cab)							
	21									
	22									
	23									
	24		**GROUP 13 and 14—BOILER AND DETAILS**							
	25	152 153	TUBES AND FLUES NOT TO BE OILED – BOTH ENDS ANNEALED OR ANNEALED THROUGHOUT							
4 CTR	26	158	Tubes 2 1/4" O.D. # MIN. 12 BWG Thick 17 Feet 9 1/2" 10" Inches		2-10 12-10	1-29	1-15 12-10			
	27		Material HOT ROLLED SEAMLESS ST. ASTM. SPEC. A-83-44		"		"			4-3
4 CTR	28	45	Flues 5 1/2" O.D. #9 MIN. BWG Thick 17 Feet 9 1/2" 10" Inches		"		1-15			
	29		Material COLD DRAWN SEAMLESS ST. Spec. ASTM. A-83-44-SWAGED & EXPANDED TO DWG. 142-S-63454-Y		1-21		142-S-63454-Y			4-11
	30		Combustion Tubes O.D. Thick Feet Inches							142-A-670 1-20
	31		Material Spec.							
4 CTR	32	4	Arch Tubes 3 1/2" O.D. #6 5/8 #7 BWG MIN. AVERAGE Thick 11 Feet 1" 3 Inches – NOT TO BE OILED		1-22 1-13 1-8					
	33		Material HOT ROLLED SEAMLESS ST. Spec. ASTM A-83-44		12-31	1-9	1-13			20-22
	34		Stoker Flues O.D. Thick Feet Inches		"	1-9	1-13			
	35		Material Spec.							
	36		Smoke Consumer Tubes O.D. Thick Feet Inches							
	37		Material Spec.							
	38									
	39	152 153								
	40	158	Tube Ferrules Annealed Copper 2 7/32" O.D. 1/16" Thick 5/8" Long		2-17 2-10					
	41	45	Flue " " " 4 5/8" " 1/16" " 5/8" "		1-29 1-6					4-17
	42		Combustion " " " " " "		"					4-19
	43		Stoker " " " " " "							
	44		Arch Tube " " " " " "							
	45		Smoke Consumer " " " " " "							
	46									
	47									
	48		STAYBOLTS							
4 CTR	49	1 SET	Radial Stay Bolts NOT LESS THAN .005" OVER TO .020" OVER SPECIFIED DIAMETER 13/16" Dia. 900 FT. Long – WT. IRON – Spec. M-305		1-24					P. 5
	50		" " "							
4 CTR	51	1 SET	Water Space Bolts 1 1/64" " 600 500 FT. " – WT. IRON " M-305		2-5 1-24					P. 4-5
	52		" " "							
	53		Hollow Bolts							
	54		" "							
4 CTR	55	1 SET	Material for Screw Rivets (MUD RING CORNERS) 57/64" " 8'-9" " – WT. IRON – " M-305		1-14			4-24		
	56		" " " "							
	57									
4 CTR	58	1 SET	Flexible Staybolts – NOT THREADED – 13 – M.O. – 469 – WT. IRON – Spec. M-305		3-25 3-13	1-30 1-24		A.L. Co.		P. 4-5
	59		" "							
	60		" "							
4 CTR	61	18 16	THROAT BRACE STAYBOLTS – ALCO TYPE "Z" – 1" DIA. – 9" LONG –		1-27					
	62		NOT THREADED – WT. IRON – AAR SPEC. M-305		1-14			AMER. LOCO. CO.		564
4 CTR	63	1 SET	Rivets 13 – M.O. – 470 – STEEL – Spec. M-110		2-5					
			" "		"					
			" "		"					

FOR FUTURE ORDER TUBES EXPANDED TO CD. 143-A-265 ALCO CD. 143-5-63530 EPD 4/28/47

P. D. PURCH. #8 PER MJD

5" 2 5/32 EPD 2/17

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 13 and 14—BOILER AND DETAILS (Continued)							
4 CTR 1	1 SET	Brace Rod Material 1½" O.D. 300 FT. Long Spec. SAE ~~1022~~ 1020		1-24			3 - 26 TO 37		
4 CTR 2	1 SET	" " " 1¼" " 60 FT. " " " "		1-16			3 - 38 TO 41		
4 CTR 3	1 SET	" " PINS 1¼" " 8 FT. " " " "		"			3-48		
4 CTR 4	1 SET	" " " 1½" " 24 FT. " " " "		"			3-47		
4 CTR 5	1 SET	" " "							
6		Brace Rod Ends Card No. Spec.							
7		" " " " " "							
8		" " " " " "							
9		" " Lugs " " "							
10		" " " " " "							
11	80 LBS	TRI-SODIUM PHOSPHATE - FOR WATER TREATMENT DURING		2-3					
12		BOILER TEST					4-25		
13		Boiler Details		"					
14	1	MUD DRUM GASKET - ¼" DIA. x 1'-11" - ANNEALED COPPER WIRE		12-24			4-23		
ALCO 15	1	PRIME COMPOSITE WASHOUT PLUGS TO PRIME DRG. 404-A - THREADED		1-27 12-26			PRIME		
OK 16		2" DIA. AT POINT - TAPER 1¼" IN 12" - 12 WHITWORTH THDS. PER INCH -		"			35-47		
17		~~FURNISH 5 %~~ OF PLUGS ~~WITHOUT THDS.~~ - (FOR ~~FRONT~~ SMOKE BOX TUBE SHEET) -		1-27					
OK 18		NOTE 1		2"-3					
ALCO NOTE 1 19	1	WASHOUT PLUG - T-Z - 2⅞" (DAYLIGHT OPENING) - TO YOUR DRG. 574-B		"					
ALCO NOTE 1 20	1	" " - " - 3½" (" ") - " " " "		2-10			T-Z RY. E. CO.	35-50	
ALCO 21	8	ARCH TUBE PLUGS - T-Z - 3½" (DAYLIGHT OPENING) - TO YOUR DRG.		2-10			"	35-40	
22		574-B - ~~THREADED TO ALCO CD. 661-S-91698, EXCEPT FURNISH 5 % OF PLUGS WITHOUT THREADS~~ - NOTE 1		12-24 1-15 1-24			T-Z RY. E. CO. 35-38		
23							HAVE T-Z SHIP 90 % OF THESE PLUGS DIRECT TO T-Z RY. E. CO. DETROIT TAP & TOOL COMPANY, 8432 BUTLER AVE., DETROIT 11, MICH., FOR THREADING - OTHER 10 % TO BE SHIPPED TO L.L.W. 8-14-47		
ALCO 24	~~22~~ 20 ~~22~~ 24	WASHOUT PLUGS - T-Z - 2½" (DAYLIGHT OPENING) - TO YOUR DRG.		1-27 1-13					
25		574-B - ~~THREADED TO ALCO CD. 661-S-91696, EXCEPT FURNISH 5 % OF PLUGS WITHOUT THREADS~~ - NOTE 1	2-14	"					
26				1-15 1-24					
ALCO 27	2	WASHOUT PLUGS - T-Z - 2½" (DAYLIGHT OPENING) - ~~SIMILAR~~ TO		1-6					
28		YOUR DRG. 574-B ~~EXCEPT~~ 1206-L (LONG SLEEVE) - ~~THREADED TO ALCO CD. 661-S-91697~~ LENGTH OF ~~BUSHINGS~~ TO BE 3⅛ LONG		1-24					
29		~~INSTEAD OF 2 3/16"~~ - ~~EXCEPT FURNISH 5 % OF PLUGS WITHOUT THREADS~~ - NOTE 1		1-15 "					
ALCO 30	2	FUSIBLE PLUGS - NATHAN DROP PLUG No. 1 - ~~SIMILAR~~ TYPE 4640 - TO YOUR		1-15 1-24					
31		DRG. ~~4670-A~~ 4882 ~~EXCEPT~~ THREADED 12 WHITWORTH THDS. - TAPER		1-27 1-29			NATHAN		
32		1¼" IN 12" - TO SUIT BOILER PRESSURE 227 # - NOTE 1		1-27 "			35-52		
33		**GROUP 15—BOLTS, NUTS, KEYS AND TUBING**							
34	1	Pcs. Steel Tubing 13/16" I.S.Dia. 1⅛" O.S.Dia. 12" Long (THR. LEV.)		1-27				B	
35	1	" " " 1 7/16" " 1 7/8" " 2½" " (" ")		1-27				B	
36	1	" " " 1 11/16" " 2⅛" " ~~17'-0"~~ 12'-8" ~~36"~~ " (SPR. HGR. BUSH.)	3-3	2-10 1-31				41-18	B
37	1	" " " 2 3/16" " 2 5/8" " 3'-0" " (" " ")		2-10				41-19	
38	1	" " " 2 15/16" " 3½" " 1'-0" " (" " ")		"				41-20	
39	1	" " " 1 15/16" " 2 3/8" " 5'-6" " (FR. FULLER BR. HGR.)		2-13				20-65	
40	1	" " " 2 3/16" " 2 5/8" " 2'-6" " (" " EQ. PIN)		"				20-66	
41	24	1¼" HEX NUTS - 2" ACROSS FLATS - 1 7/32" THICK - BLANK - COLD PUNCHED STEEL - U.S. HEAVY SERIES		7-21				59-15	
FOR 10 ENGS. ONLY 42	45	1" HEX NUTS - 1 5/8" ACROSS FLATS - 63/64" THICK (FOR F.W.H.)						7-21	
43	3	1¼" HEX SLOTTED CASTLE NUTS - 2" ACROSS FLATS - ⅛" "		2-24					
44		COLD PUNCHED STEEL - TAPPED WHITWORTH THREADS & FACED - U.S. HEAVY SERIES - ~~ORDER 10 % EXTRA~~		"				59-17	
412 ~~245~~ 45	~~186~~	3/4" HEX NUTS - 1¼" ACROSS FLATS - 47/64" THICK		2-24					
~~354~~ 455 46	~~188~~ ~~135~~	7/8" " " - 1 7/16" " " - 55/64" " "		5-7 2-10				59-2	
240 ~~206~~ 47	~~145~~ ~~153~~	1" " " - 1 5/8" " " - 63/64" " "		7-21 4-3 "				3	
~~140~~ 48	~~114~~	1⅛" " " - 1 13/16" " " - 1 7/64" " "		4-3				4	
324 ~~225~~ 49	~~237~~	1¼" " " - 2" " " - 1 7/32" " "		5-7 "				5	
~~30~~ 50	~~28~~	1½" " " - 2⅜" " " - 1 15/32" " "		"				6	
51	~~1~~	~~2¼~~" " " - 3½" " " - ~~2 13/64~~" " "		7-21 "				7	
~~50~~ ~~48~~ 52	~~33~~	5/8" " " - 1 1/16" " " - 39/64" " "		"				8	
15 53	15 8	1⅛" HEX SLOTTED CASTLE NUTS - 1 13/16" ACROSS FLATS - 1/16" THICK		3-14	2-24			59-13	
5 54	5 4	1⅜" " " " - 2 3/16" " " - 1 3/16" " / 1⅜" FOR FDT.		4-3 "				59-9	
3 55	3 2	1½" " " " - 2⅜" " " - ~~1¼~~ 1½" 1½ CH		"				10	
3 56	3 2	1¾" " " " - 2¾" " " - 1 5/16" 15/16" 15 T6		9-4 "				11	
57		COLD PUNCHED STEEL - TAPPED WHITWORTH THREADS & FACED - U.S. HEAVY SERIES - ~~ORDER 10 % EXTRA~~		9-4 "				12	
FOR 10 ENGS. ONLY 58	75 ~~30~~ 38	3/4" HEX NUTS - 1¼" ACROSS FLATS - 47/64" THICK — FOR F.W.H.		4-3 2-10					
59	~~44~~ 38	7/8" " " - 1 7/16" " " - 55/64" " " —		"				7-18	
60	30 ~~65~~ 35	1⅛" " " - 1 13/16" " " - 1 7/64" " " —		4-3				7-19	
61		COLD PUNCHED STEEL - TAPPED WHITWORTH THREADS & FACED - U.S. HEAVY SERIES - ~~ORDER 10 % EXTRA~~		2-10				7-20	
~~22~~ 62	20	7/8" HEX NUTS - 1 7/16" ACROSS FLATS - 55/64" THICK "		"					
~~12~~ 63	~~10~~ 16	1" " " - 1 5/8" " " - 63/64" " "		2-16				7-12	
~~103~~ 64	~~84~~	1⅛" " " - 1 13/16" " " - 1 7/64" " "		4-3 "				7-13	
~~105~~ 65	~~48~~	1½" " " - 2⅜" " " - 1 15/32" " "		"				7-14	
66		CASEHARDENED - COLD PUNCHED STEEL - TAPPED WHITWORTH THREADS & FACED - U.S. HEAVY SERIES - ~~ORDER 10 % EXTRA~~		"				7-15	
67		TOPS OF ALL CASEHARDENED NUTS TO BE SPRAYED WITH RED PAINT - NUTS NOT CASEHARENED WITH GREEN PAINT - FOR IDENTIFICATION		3-4					

SPECIALTIES AND MISCELLANEOUS

ORDER

Ck.	Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 15—BOLTS, NUTS, KEYS AND TUBING							
	1		KEYS							
✓	2	64	Split Keys — BOILER BRACE Card No. 152-A-3002		1-9			3-23 152-C-63		
✓	3	2	" " - E.T. BOX CELLAR PINS " " 152-A-3001 - 5/32" x 3/4"		2-19			8-56		
✓	4	2 X	" " - ENG. & TDR. DRAWBAR PIN " " 152-A-3005		2-28 2-27			47-15 & 17-31		
✓	5	20	" " - DRIV. BOX CELLAR PINS " " 152-A-3001 - 5/32" x 3/4"		"			7-55		
✓	6	4	" " - ENG. TRK. " " 152-A-3000		3-3			18-6		
✓	7	1	" " - " " " " 152-A-3004		"			18-7		
✓	8	20	" " - SPR. RIGG. PINS " " 152-A-3003		3-17			40-63		
✓	9	1	" " - " " " " " " 152-A-3005		"			40-64		
	10	18	" " - GRATE RIGG. PINS - " " 152-A-3001		4-16			B		
	11	4	" " - SUPH. UNIT JT. SH. - " " 152-A-3001		"			B		
	12	5	" " - DEFL. PLATE " " 152-A-3001		4-30			39-34		
	13	16	" " - NETTING & S.B. PL. " " 152-A-3001		"			39-35		
	14	3	" " - THROTTLE CLAMP BOLT " " 152-A-3002		5-7			51-13		
	15		**GROUP 16—BOXES—DRIVING**							
	16									
	17		Grease Lubricator—Main Manufacturer							
	18		Card No. Size Grease Cake							
	19		Cellar Material Type End Plate							
	20		Spreader Material Service							
	21									
	22		Grease Lubricator—Others Manufacturer							
	23		Card No. Size Grease Cake							
	24		Cellar Material Type End Plate							
	25		Spreader Material Service							
ALCO NOTE 1	26	2	DRIV. BOX LUB. PADS - MAIN - TYPE FRM-A FOR 11" x 12" JOURNAL -		2-6 4-28			LUB. PROD. CO.		8-5
	27		TO FIT CELLAR DRG. 162-S-305530 - YOUR DWG. CB-L1							
ALCO NOTE 1	28	8	" " " " - OTHERS - " " " - FOR 9 1/2" x 12" JOURNAL -		4-28			"		8-2
	29		TO FIT CELLAR DRG. 162-S-305520 - YOUR DWG. CB-L1							
	30									
	31		Babbitt Metal Pounds							
	32		" " "							
	33		" " "							
	34		Bearing Metal "							
	35		" " "							
	36	11	1" HEX. SLOTTED NUTS - 1 5/8" ACROSS FLATS - 1" THICK - COLD PUNCHED		9-12					
	37		STEEL - TAPPED WHITWORTH THDS. & FACED - U.S. HVY. SERIES For X-Hd & X-Hd Shoe							
✓	38	2	1 1/2" HEX SLOTTED NUTS - 2 3/8" ACROSS FLATS - 1 1/4" THICK - CASEHARDENED		3-17				59 55-19	
✓	39		COLD PUNCHED STEEL - TAPPED WHITWORTH THREADS & FACED - U.S.		"					
✓	40		HEAVY SERIES - ORDER 10% EXTRA Rod Cap Bolts.		"					
	41		Rivets—Copper Annealed Dia. Long Head							
	42		" " " " " "							
	43									
	44		Bronze Welding Rod (For Driving Box Face)							
	45									
	46									
	47		"Alco" Lateral Cushioning Device—Royalty Plate Only							
	48									
	49		Franklin, Lateral Device							
	50									
	51		Driving Box Oil Cavity Plugs							
	52		" " " " "							
	53		" " " " "							
	54		" " Lock Washers							
	55									
	56									
	57		**GROUP 17—BOXES—TRUCK**							
	58									
	59		Trailer Truck Box Lid Pt. No.							
	60									
	61									
	62		Trailer Truck Box Lid Pt. No.							
	63	32	PLAIN STEEL WASHERS FOR 3/8" BOLT		10-23			This order only	9-4	
	64	16	LEAD WASHERS FOR 3/8" BOLT - 1/16" THICK } FOR TDR. BOX LUB.		"				9-5	
	65	16	3/8" SLOTTED HEX NUTS } PAD SUPT.		"				9-6	
	66	16	HEX HEAD BOLTS 3/8" DIA. X 1 1/4" LONG		"				9-7	

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 17—BOXES—TRUCK (Continued)							
1		Engine Truck Box Lid Pt. No.							
2									
3									
ALCO NOTE 1 4 OR 5	8	Tender Truck Box Lids WITH PINS - TO SUIT STD. AAR Pt. No. 6" x 11" JOURNAL BOX - YOUR DWGS. M-544-B & M-461-A		1-20 2-6 "				9-16	
ALCO NOTE 1 6	8	TENDER JOURNAL LUB. PADS - FRM "A" TYPE - TO SUIT AAR 6"x 11" BOX - YOUR DRG.		4-28	SJB		LUB. PROD. CO.	9-16	
7		Cellars—Special Card No.							
8									
9									
10		Tender Truck Box M.C.B. x Journal							
11									
12		Make and Style Card No.							
13									
14									
ALCO NOTE 1 15	8	Dust Guards (Tender Truck) - JENKINS LEATHER FIBRE - 6" x AAR 11" Journal BOX		1-20			AJAX CONS. CO.	9-12	
16		A.C.Co. DRG. 101, LINE 6		2-12					
17									
18		Bearing Metal Pounds							
19		" " "							
20		" " "							
21		Babbitt " "							
22									
ALCO NOTE 1 23	2	ENG. TRK. BOX LUB. PADS - TYPE FRM "A" - FOR 7"x 12" JOURNAL -		2-6			LUB. PROD. CO.	8-64	
24		TO FIT CELLAR DRG. 172-S-24640 - YOUR DWG. CB-L1		4-28					
25									
26									
27		**GROUP 19 and 20—BRAKES**	10-15 7-17 5-9 4-21 3-10 3-6 2-14 1-30	11-3 10-1 5-26 4-24 2-14 1-20 1-13 1-6 5-5					
28									
NOTE 1 29	1 SET	Operating BRAKE EQPT. ~~M.O.~~ DWG. 192-S-97040 - AWMKKJ XXXX

ORDER

Ck.	Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 21—BUMPER							
	1		Bumper order 30 for future Cast Steel Card No.							
	2	1 SET	NELSON WELDING STUDS - COMPLETE WITH FERRULES & SPRINGS: (FOR CAB WOODWORK)		3-10			ATLANTIC SPEC. CO.		
	3	20	5/16" DIA. - 1 5/8" LONG - FINISHED SIZE FOR FUTURE		"			" 61-60		
	4	8	5/16" DIA. - 1 1/8" " - " " leave off - order full length ORDER		"			" 61-61		
	5	8	5/16" DIA. - 2 3/8" " - " " Card No. 1/8" LONGER		4-3			" 62-48		
	6	16	5/16" DIA. - 2 1/8" " - " " B		"			" 62-49		
	7	8	5/16" DIA. - 2 1/2" " - " " SIZE OR (LOWER WINDOW GUIDES)		7-24			B		
	8									
	9									
	10		**GROUP 22 and 23—CAB AND DETAILS**							
	11	2	Cab Glass—SAFETY ~~Double AA~~ 3/16" x ~~13~~ 11" x ~~18~~ 22" - FOR REAR SLIDING DOORS		3-18 3-7 1-30			11-35		
	12	2	" " " 3/16" x ~~13~~ 11" x ~~18~~ 22" - " " WINDOWS		3-7 3-10			11-36		
	13		" " " x							
	14	8	WELL SEASONED LUMBER - ASH OR OAK 1" x 2" x 5'-6" - FOR TOP & BOT. WINDOWS		3-6			61-53		
	15	6	" " " " WHITE 2" x 2" x 2'-0" - " CAB SIDES		"			61-54		
	16	2	" " " " OR 2" x 2" x 3'-0" - " " "		"			61-55		
	17	2	" " " " YELLOW PINE 2" x 10" x 8'-0" - " CARLINES		"			MKS. 20 61-56		
	18		Cab Roof Canvas Yards, No. Cotton Duck Wide							
SURF. FOR 2 ENG.	19	~~8~~ 18	~~50 GAL. DRUMS OF DEDNOX 877 CORK INSULATION~~ - FOR CAB LINING	2-20	2-14 1-31			DEDNOX CO. 11-39		
120 SQ. FT.	20		Cab Lining - FIR - T. & G. 5/8" Thick x 3" ~~Long~~ WIDE - ONE SIDE, BEADED		3-6			61-52		
	21		Material WELL SEASONED LUMBER (FOR ROOF & SIDES)		"					
	22									
	23		Cab Flooring SEE P. 61, L. 59-60 Thick x Long							
	24		" " " x "							
	25		" " SEE P. 61, L. 59-60 " x "							
	26		Cab Booster Card Frame Card. No.							
	27		Cab Inspection Card Frame "							
	28	1	#5 ELWELL CHAIN - STEEL - 7" LONG (FOR CAB VENT.)		3-14			62-12		
	29	1	1/2" LEAD WASHER (" " " STOP BOLT)		"			62-18		
	30		" Bulletin Board "							
	31		Train Control Card Frame "							
	32		Boiler Inspection Card Frame "							
	33	1	STD. AAR M.I. 2" VALVE HANDLE - DIA. OF HANDLE 6" (FOR CAB ROOF VENTILATOR)		3-6			CRANE 61-58		
	34		Cab Firing Deck Hinges - SEE P. 61, L. 53							
	35		" " " Hasp							
	36	4	" Door Hinges - CONTINUOUS STEEL HINGES - 32 1/2" LONG - WITH PINS RIVETED		3-19			HOMER D. BRONSON CO., 62-22		
	37		OVER - NOT SWAGED - WIDTH OPEN ~~3 1/2~~ 3 1/3", .125# GAUGE, 7/16" HOLES IN EACH		5-16			BEACON FALLS - OR EQUAL		
	38		FLAP 1 1/4" FROM EACH END AND SPACED 6" APART ~~7/8~~ 5/8" IN FROM EDGE ON BOTH FLAPS - CAT. # 13988		"					
	39		" " " Hasp							
	40		" Engineers Tool Box Hinges							
	41		" " " " Hasp							
	42		" Storm Window Hinges							
	43	4	CAB Seat Hinges - 6" STRAP - STANLEY 902 - BLANK		1-9			12-44		
	44	4	" Arm Rest Hinges - 2 1/2" x 2 1/2" BUTT HINGE - STANLEY 850 - BLANK		2-18 "			12-50		
	45	~~2~~ 4	" SEAT HASP - 4 1/2" - STANLEY 912 - BLANK - FOR E. & F. SEATS	3-6 2-13	1-31 1-9			12-45		
	46	1	Cab Seat (Engineers) - ~~BASE - WOOD - 1 1/2" x 12" x 16" - FINISHED DIMEN.~~		1-30 1-9			11-44		
	47	~~2~~ 1	" " (Firemans) - PLYWOOD - 3/4" THICK x 6'-0" x 3'-0" E. & F.	3-6	1-31 2-13			11-45		
	48		" " (Brakemans)							
	49									
	50		Cab Seat Cushion (Engineers)							
	51		" " " (Firemans)							
	52		" " " (Brakemans)							
	53									
	54		Cab Seat Back Rest (Engineers)							
	55		" " " " (Firemans)							
	56		" " " " (Brakemans)							
	57									
	58	2	Cab Arm Rest - ~~PLYWOOD~~ - ~~7/8"~~ x ~~4~~" x ~~25~~" - ~~FINISHED SIZE~~		1-30 1-9			11-46		
	59	2	" " " - ASH, OAK OR MAPLE - 2 1/4" x 4 1/4" x 25" - ROUGH SIZES		2-14			61-43		
	60	1	PLASTIC CAVALON 1-C-6026-V, COLOR 196 BLACK, GRAIN F-6,		1-9			12-40 FOR SEATS, BACK RESTS & ARM RESTS		
	61		MEDIUM FINISH, BACK DYED, 57" LONG x 50" WIDE (ORDER IN ROLLS)		"					
	62	1	UNBLEACHED MUSLIN - 110" LONG x 26" WIDE		"			12-43		
	63	5 LBS.	MOSS		"			12-52		
	64	2 LBS.	CURLED HAIR		"			12-53		
	65		FOR SEATS, BACK RESTS & ~~ARM RESTS~~,		1-31					
	66	18	3/8" DIA. STEEL RIVETS - FLAT HEAD - 15/16" LONG (DOORS BET. CAB & TDR.)		3-20			62-34		

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 22 and 23—CAB AND DETAILS (Continued)							
1		Cab Seat Covering (Engineers)							
2		" " " (Firemans)							
3	25 FT.	OF 1" x 1" CLOSE GRAINED LUMBER - ROUGH ~~FINAL~~ SIZES - FOR REAR WINDOWS		2-20 2-7				61-39	
4	~~2~~	~~3/8~~" F.H. MACH. SCREW - STEEL - 2 1/4" LONG - WITH HEX. NUTS & LOCKWASHERS		1-30			(FOR ENGR. SEAT)	12-16	
5	~~6~~	~~#10~~ F.H. STEEL WOOD SCREWS - 1 1/4" " - (~~FOR ENGRS. SEAT~~)		1-30 1-9				12-17	
6	~~16 16 32~~	#10 "R.H " " " - 3/4" " - (" ~~ENGRS~~ FIREMANS SEAT)		1-31 2-13				12-18	
7	~~8 4~~	#6 "R.H. " " " - 3/4" " - (" " " HASP)		1-31 2-13				12-19	
8	~~8 4~~	#6 F.H. " " " - 3/4" " - (" " " ")		1-31 2-13				12-20	
9	~~8 8~~	3/8" LAG SCREWS - 2" LONG - (" " ")	3-6	1-31 2-13				12-55	
10	~~12 6~~	#12 R.H. STEEL WOOD SCREWS - 7/8" " - (" " " BK. REST)	3-6 2-13	1-31 2-13 1-31				12-56	
11	~~8 6~~	3/8" DIA. HEX. HEAD BOLT - STEEL - 1 3/4" LONG - WITH HEX. NUTS & LOCKWASHERS (FOR FIREMANS SEAT)					E. & ~~F~~	12-57	
12	40	F.H. WOOD SCREWS - STEEL - #8 x 3/4" LONG - (FOR SIDE WINDOW RUNNER)						12-63	
13	20	" " " " - " - #10 x 7/8" " - (" ARM RESTS)		1-9				12-64	
14	12	" " " " - " - #10 x 1" " - (" " ")		"				12-65	
15	~~2~~	~~" " " " - " - #14 x 1 1/2" " - (" ENGRS. SEAT SUPT. STOR)~~						12-66	
16	17	3/16" DIA. BUTTONHEAD STEEL RIVETS - 1/2" LONG - FOR REAR SLIDING DOORS		1-30				61-23	
17	4	WROT STEEL HANDLES - P. & F. ~~#011432~~ CORBIN CAT. ~~#011432~~ #011432 - FOR REAR SLIDING DOORS		2-24 3-4				61-24	
18	4	HEX NUTS - STEEL - FOR 7/8" BOLTS - WHITWORTH THREADS - " SHEAVES		"				61-33	
19	1 LB.	PLASTIC CAULKING COMPOUND / COLOR BLACK - TOOL CONSISTENCY - FOR REAR WINDOWS		3-13 2-7				61-38	
ALCO NOTE 1 OK	20	~~Cab~~ SIDE Wind Shield Wings / - NARROW TYPE - COMPLETE WITH LAMINATED Prime No.		2-13 1-8	1-30	2-13	PRIME		
	21	SAFETY GLASS AT LEAST 3/16" THICK - YOUR SHOP CARD ~~871-A~~ 848,		" "	"	"	12-32		
	22	~~STYLE 4 - REF. SC-871-A-7, A-18"~~ - FOR WINDOW R.S.		" "	"	"			
	23	OF CAB		" "	"	"			
ALCO NOTE 1 OK	24	2 Cab Clear Vision Windows PANELS - (I.R. & I.L.) - Prime No.		2-3			PRIME	12-29	
	25	COMPLETE WITH OPERATING RIGGING AND SAFETY GLASS - TO A.L.Co. DRG. ~~232-5-703010~~ YOUR SHOP CD. 8233, REV. 3-25-44 -							
	26	DEFROSTERS & WASHERS NOT REQUIRED							
ALCO NOTE 1	27	1 SET Cab WINDOWS - CONSISTING OF 4 SLIDING SASH (2 FOR R.S. AND		1-9			MAJESTIC CO. HUNTINGTON, IND	12-22	
	28	2 FOR L.S.) - SASH TO BE MADE OF ASH OR OAK WOOD COVERED							
	29	WITH #16 USSG STEEL - TO BE FURNISHED COMPLETE WITH							
	30	HANDLES AND GLAZED WITH 3/16" LAMINATED SAFETY GLASS -							
	31	MOULDING FOR HOLDING GLASS TO BE APPLIED WITH SCREWS -							
	32	GLASS TO BE SET IN "ARMGLAZE" CEMENT OR EQUIVALENT -							
	33	HANDLES TO BE FURNISHED WITH WINDOWS AND APPLIED BY LOCO. BUILDER - DO NOT DRILL WINDOWS FOR HANDLES -		10-1					
	34	~~SIMILAR TO MAJESTIC CO. PRINT 470-B-1~~ 15-133-1							
	35	Cab Window Stops		4-8					
	36	4 SIDE WINDOW RUNNER - ASH OR OAK - 2" x 1" x 6'-0" - ROUGH ~~FINAL~~ SIZES	2-20	2-5 1-9				11-43	
	37	Cab Side Door Stops							
	38	" " " Sash Lift							
	39	Cab Curtain—Sides							
	40								
	41								
	42	Cab Curtain—Back							
	43								
	44								
	45	Cab Curtain—Hood							
	46								
	47								
	48	Cab Curtain—Slide							
	49								
	50								
	51	Cab Curtain—Drop							
	52								
	53								
	54	Cab Curtain Arrangement							
	55								
	56	Cab Insulation Board							
	57								
	58	Cab Awning							
	59								
	60	**GROUP 24—BOOSTER**							
	61								
	62	Booster—Type							
	63								
	64								
	65								
	66								

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	STYLE	SIZE	REMARKS	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 26 and 27—COCKS AND VALVES										
			Where Used										
	1		Air Pump Steam Valve — Turret										
	2												
	3												
	4		Air Pump Steam Valve — At Pump										
	5												
	6		Air Pump Steam Valve — At Pump										
ALCO NOTE 1	7	1	ASH PAN FLUSHER VALVE - AAR	ANGLE	1¼"	STD. SEAT & DISC -		1-16			CRANE	13-6	
	8		MALE INLET THREADED 1½" PIPE THRD. & FEMALE UNION OUTLET FOR 1¼" PIPE - AAR HANDLE ATTACHED										
ALCO NOTE 1	9	1 SET	ASH PAN FLUSHER EQUIPMENT - TO INCLUDE ONE #2 SPECIAL EJECTOR,					1-15			NATHAN	13-31	
	10		ONE "1¼" GLOBE VALVE WITH HANDLE APPLIED AND ONE 2" GLOBE VALVE WITH UNIV. JOINT AND										
	11		LOOSE HANDLE - ~~SIMILAR~~ ARRGT. AR TO NATHAN DRG. 1792-A, LINE 2, EJECTOR 5-12 DWG. 1918										
	12		Back Pressure Gauge Valve										
	13												
	14		Back Pressure Line Valve										
	15												
	16												
	17		Bell Ringer Valve										
	18												
	19												
	20		Booster Valve (Preliminary Line) — Turret										
	21												
	22		Booster Throttle Valve										
ALCO NOTE 1	23	1	BLOWER SHUT-OFF VALVE	ANGLE	1¼"	FOR SUPER. STEAM 750 DEG. TEMP.		2-6			CRANE	13-8	
	24		SPECIAL 1871-P - 400# - C.S. BODY - FEMALE INLET 1½" PIPE TAP AND 1¼" UNION OUTLET CRANE ~~137-R~~, DRG. B-61580, LUNK. FIG. 1723, OR EQUAL - EXCEPT TO HAVE 2-13 3-13 UNION OUTLET - DWG. B-48962								
ALCO NOTE 1	25	X	Blower Valve - ~~AAR~~ — Turret	GLOBE	1¼"	STD. SEAT & DISC -		1-27 1-16				13-10	
	26		~~FEMALE INLET & OUTLET TAPPED 1¼" P.T.~~ - AAR HANDLE ATTACHED										
ALCO NOTE 1	27	X	Blower Valve - ~~AAR~~ — Line	~~ANGLE~~	~~1¼"~~	~~STD. SEAT & DISC~~ -		1-27 1-16				13-12	
	28		~~MALE INLET THREADED 1½" PIPE THRD. & FEMALE UNION OUTLET FOR 1¼" PIPE~~ - AAR HANDLE ATTACHED										
	29												
	30		Blowdown Valve — (in Dome)										
ALCO NOTE 1	31	1	BLOWER OPERATING VALVE	GLOBE	1¼"	SUITABLE FOR		1-27			CRANE	14-35	
	32		SUPER. STEAM 750 DEG. TEMP. - FEMALE INLET & OUTLET TAPPED 1¼" P.T. - VALVE STEM SUITABLE FOR HANCOCK										
	33		#2 UNIV. JOINTS - FURNISH LOOSE HANDLE - CRANE 376-P, C.S. BODY - 400# - 2-7 3-13 ~~SIMILAR~~ TO DRG. B-47858, ~~LUNK. FIG. 1723~~ 17322, ~~OR EQUAL~~								
ALCO NOTE 1	34	2	Blow-off Cock	TYPE FSD	2"	FIG. 206 - R.H. PATT.		1-20			OKADEE	13-16	
	35		FLANGE DRILLED & HANDLE FURNISHED PER DWG. 262-S-~~10320~~ 10321					5-1 1-29					
	36		X FOR THROAT SHEET & ~~X~~ DWG. 262-S-10320 FOR 1ST COURSE - YOUR DWGS. 1433-F & 12593-A, 5-17					5-1 2-21 LINES 4 & 5					
	37		Blow-off Cock										
	38												
	39												
ALCO NOTE 1	40	2	Blow-off Cock Muffler - LIGHT WEIGHT TYPE - ~~SIMILAR TO~~ YOUR DWG. 12410,					2-21 1-20			OKADEE	13-18	
	41		STYLE 2, Pc. N-846					"					
	42												
	43		Blow-off Cock Piping Valve										
	44												
	45												
	46		Cab Heater Valve — Turret										
	47												
~~ALCO NOTE 1~~	48	X	Cab Heater Valve (Line) - ~~AAR~~	~~GLOBE~~	~~3/8"~~	~~STD. SEAT & DISC~~		1-27 1-16				13-20	
	49		~~FEMALE INLET & OUTLET TAPPED 3/8" P.T. - AAR HANDLE ATTACHED~~										
	50												
	51		Cab Heater Drain Valve										
	52												
	53												
ALCO	54	1 SET	Coal Sprinkler ~~Valve~~ WITH VALVES - COMPLETE - MFGRS. DWG. 956 -					12-11			NATHAN	30-58	
	55		PARTS 1 TO 10, INCLUSIVE - NOTE 1					"					
	56												
	57		Cut-off Control Gauge Valve										
	58												
	59												
ALCO NOTE 1	60	4	Cylinder Cock - AIR OPERATED - TYPE CC-178 -			1¼" PIPE THREADS		2-21 1-13			OKADEE	13-24	
	61		DWG. 267-B - TAPPED ~~3/8~~ ¾" P.T. FOR AIR CONN.					2-27 "					
	62												
ALCO NOTE 1	63	1	Cylinder Cock Operating Valve - YOUR DWG. ~~205-A~~ 12595-A, STYLE 2				4-16 3-27	2-21 1-13			OKADEE	13-22	
	64												
	65												
	66												

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	STYLE	SIZE	REMARKS	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 26 and 27—COCKS AND VALVES (Continued)										
		Where Used										
1		Cylinder Safety Valve										
ALCO NOTE 1 2 3 4	2	STEAM CHEST PRESS. GAUGE VALVE-AAR FEMALE INLET & OUTLET TAPPED 3/4" P.T.	GLOBE	3/4"	STD. SEAT & DISC - AAR HANDLE ATTACHED		1-16			CRANE 14-19		
5		DRAIN VALVES										
6												
7		Drain Valve—Booster										
ALCO NOTE 1 8	1	" COCK - ASH PAN LINE	#476	1/2"	DWG. D-3067		5-12			LUNK.		
9		" " Blower Line										
10												
11		" " Blow-off Cock Piping										
12												
13		" " Cylinder Exhaust										
14												
15		" " Drifting Valve										
16												
17		" " F.W.H. Condensate Drain										
FOR 10 ENGS. ONLY ALCO NOTE 1 18 19	X2	" COCK - " "	—	1/2"	WEST. 99085		3-3 1-17			W.A.B.CO.		13-35 34
20		" " "										
21		" " Mech. Lubricator										
22		" "										
FOR 10 ENGS. ONLY ALCO NOTE 1 23 24	2	" VALVE- Injector ~~Check~~ FEMALE INLET & OUTLET TAPPED 1/2" P.T.	AAR	GLOBE 1/2"	STD. SEAT & DISC - AAR HANDLE APPLIED		2-10			STOCK		13-56
25		" " Power Reverse										
26												
27		" " Main Reservoir										
28	1	DRAIN VALVE - A.P. EXH. PIPE DRAIN	AUTO.	3/8"	SK-1131		5-26			BARCO		
29		" " Soot Blower										
~~ALCO NOTE~~ 30	2	DRAIN COCKS - STEAM HEAT - COMPLETE - DWG. 252-S-50330-Z					4-21			BALDWIN NATHAN		13-36-37
31		" " Stoker										
32												
33		" " Water Column										
34												
35		" " Water Glass										
36												
37		" " Water Circulator										
FOR 10 ENGS. ONLY ALCO NOTE 1 38 39	1	DRAIN VALVE - INJECTOR FEMALE INLET & OUTLET TAPPED 1/2" P.T.	AAR	GLOBE 1/2"	STD. SEAT & DISC - AAR HANDLE APPLIED		2-10			STOCK		13-58
40												
41												
42		Drifting Valve										
43												
44												
45		Drifting Valve Main Steam (Turret)										
46												
47		Drifting Valve Blowdown										
48												
49		Drifting Valve Check Valve										
50												
51		Drifting Valve Shut-off Valve										
52												
53												
54												
ALCO NOTE 1 55 56 57	1	Dynamo Valve - AAR Turret FOR 1/2" PIPE - AAR HANDLE ATTACHED	ANGLE	1/2"	STD. SEAT & DISC - MALE INLET THREADED 3/4" PIPE THRD. & FEMALE UNION OUTLET		1-16			CRANE		13-38
ALCO NOTE 1 58 59 60	1	Dynamo Valve - AAR Line FEMALE INLET & OUTLET TAPPED 1/2" P. T. - AAR HANDLE ATTACHED	GLOBE	1/2"	STD. SEAT & DISC -		1-16			STOCK		13-40
61		Exhaust Injector Steam Heat										
62												
63												
64												
65												
66												

SPECIALTIES AND MISCELLANEOUS

ORDER

Item	Amt. for One Engine	DESCRIPTION	STYLE	SIZE	REMARKS	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM		Purchase Order No.	Ck.
		GROUP 26 and 27—COCKS AND VALVES (Continued)											
		Where Used											
1		Feed Water Heater—Main Steam (Turret)											
2													
FOR 10 ENGS. ONLY ALCO NOTE 1 3	1	Feed Water Heater Throttle Valve - AAR (Line)	GLOBE	1¼"	PLUG STD. SEAT & DISC -		1-17			CRANE	14-5		
4		FEMALE INLET & OUTLET TAPPED 1¼" P.T. - AAR HANDLE ATTACHED - DWG. B-38644											
5		Feed Water Heater Control Valve											
6													
7		Feed Water Heater Suction Heater Valve (Turret)											
8													
FOR 10 ENGS. ONLY ALCO NOTE 1 9	2	Feed Water Heater ~~Suction Heater~~ Valve (Line) - AAR	GLOBE	½".	STD. SEAT & DISC -		1-17			STOCK	14-7		
10		FEMALE INLET & OUTLET TAPPED ½" P.T. - AAR HANDLE ATTACHED - CRANE DWG. B-38644											
11		Feed Water Heater Discharge Heater Valve											
12													
13		Feed Water Heater Discharge Check											
14													
15		Feed Water Heater Pressure Gauge Valve											
16													
17		Feed Water Heater Sprinkler Valve											
18													
FOR 10 ENGS. ONLY ALCO NOTE 1 19	1	Feed Water Heater ~~Hot~~ Pump Steam - AAR 300# - (TURRET)	ANGLE	1¼"	STD. DISC & SEAT -		1-13			CRANE	13-41		
20		MALE INLET SHANK THREADED 1½" P.T. - FEMALE UNION OUTLET FOR 1¼" IRON PIPE											
21		Feed Water Heater Cold Pump Del. Line Check											
22													
23		Feed Water Heater Air Valve											
24													
FOR 10 ENGS. ONLY ALCO NOTE 1 25	1	Feed Water Heater SWING Check Valve - 300# W.S.P.		2"	FEMALE INLET & OUTLET		1-13			O.I. Co.	13-45		
26		OHIO INJ. CO. DRG. 1198-X, FIG. 306, ~~OR EQUAL~~					4-28						✓
27		Feed Water Heater Exhaust Valve											
28													
29		Feed Water Heater Relief Valve											
30													
31		Feed Water Heater Suction Line Vent Cock SEE P. 41, L. 18											
32													
33													
34													
ALCO NOTE 1 35	1	Firedoor Valve - AAR	GLOBE	¼"	STD. SEAT & DISC -		1-16			CRANE	13-48		
36		FEMALE INLET & OUTLET TAPPED ¼" P.T. - AAR HANDLE ATTACHED											
37		Firedoor Needle Valve											
38													
39		Grate Shaker Valve											
40													
41													
42		Injector Steam Valve Turret											
43													
44		Injector Starting Valve											
FOR 10 ENG ONLY 45	1	" SUC. HEATER VALVE	AAR	GLOBE	3/8"	FIXED HOLE. FEMALE INLET & OUTLET - STD SEAT & DISC.					72-39		
FOR 10 ENG ONLY 46	2	" " " "	"	"	3/8"	" " " " " "							
47													
48		Injector Heater Valve											
49													
50		Journal Cooler Valve											
51													
52		Journal Cooler Valve											
53													
54		Low Water Alarm Valve											
55													
56													
57		Lubricator Valve (Hydro. Lub.) Turret											
58													
59		Lubricator Valve (Hydro. Lub.) Line											
60													
61													
ALCO NOTE 1 62	1	Lubricator ATOMIZER ST. ~~Heater~~ Valve (Mech. Lub.) ~~Turret~~ AAR	ANGLE	L" 3/8"	STD. SEAT & DISC -		1-17 1-16			CRANE	13-61		
63		MALE INLET THREADED 3/4" PIPE THRD. & ~~FEMALE~~ UNION OUTLET FOR 3/4" O.D. COPPER PIPE - AAR HANDLE ATTACHED - COPPER PIPE SLEEVE - FOR ROLLED OVER CONNECTION											
64		Lubricator Heater Valve (Mech. Lub.) Line											
65													
66													

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	STYLE	SIZE	REMARKS	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 26 and 27—COCKS AND VALVES (Continued)										
		Where Used										
1		Oil Burner Steam Valve										
2												
3		Oil Burner Control to Tank Heater										
4												
5		Oil Burner Control to Engine Heater										
6												
7		Oil Burner Control for Blowback										
8												
9		Oil Burner Control to Atomizer										
10												
11												
12		Power Reverse Valve (Turret)										
13												
14		Power Reverse Valve (Line)										
15												
16		Power Reverse Cut-out Cock										
17												
18		Power Reverse Check Valves										
19												
20		Power Reverse Dirt Collector										
21												
22												
ALCO NOTE 1 23	1	Rail Washer Valve - AAR	GLOBE	½"	STD. SEAT & DISC -	1-16				STOCK		13-29
24		FEMALE INLET & OUTLET TAPPED ½" P.T. - AAR HANDLE APPLIED										
25	1	Sander ~~Valve~~ CUT-OUT COCK		3/8"	Pc. 500291	4-23				WEST.		14-11
26		Syphon Valve										
27												
28		Soot Blower Steam Valve										
ALCO NOTE 1 29	1	STEAM HEAT VALVE - AAR	ANGLE	1½"	STD. SEAT & DISC -	1-16				CRANE		14-9
30		MALE INLET THREADED 2" PIPE THRD. & FEMALE UNION OUTLET FOR 1½" PIPE - AAR HANDLE ATTACHED										
ALCO NOTE 1 31	2	Steam Heat Valve - AAR ~~(Turret)~~	GLOBE	2"	STD. SEAT & DISC -	1-16				CRANE		13-64
32		FEMALE INLET & OUTLET TAPPED 2" P.T. - AAR HANDLE ATTACHED										
33		Steam Heat Reducing Valve SEE P. 60, L. 52			DWG. B-38644							
34												
35		Steam Gauge Cock										
36												
37												
ALCO NOTE 1 38	1	Stoker ~~Main~~ ENG. Steam Valve - AAR Turret	ANGLE	1½"	STD. SEAT & DISC -	1-27 1-16				CRANE		14-13
39		MALE INLET THREADED 2" X ½" PIPE THRD. & FEMALE UNION OUTLET FOR 1½" PIPE - AAR HANDLE ATTACHED - DWG. B-38978				1-27						
ALCO NOTE 1 40	1	Stoker Throttle Valve - AAR	GLOBE	½"	STD. SEAT & DISC -	1-16						14-17
41		FEMALE INLET & OUTLET TAPPED ½" P.T. - AAR HANDLE ATTACHED										
ALCO NOTE 1 42	1	Stoker Booster Valve - AAR	GLOBE	¼"	STD. SEAT & DISC -	1-16						14-15
43		FEMALE INLET & OUTLET TAPPED ¼" P.T. - AAR HANDLE ATTACHED										
ALCO NOTE 1 44	1	Stoker Jet ~~Valve~~ LINE SHUT OFF	GLOBE	1"	~~FEMALE INLET & OUTLET~~ TAPPED 1" PIPE THDS.	1-27 1-15						14-3
45		~~SUITABLE FOR SUPER. STEAM 750° TEMP.~~ - CRANE 376-E - DWG. B-47858 - ~~OR EQUAL~~										
46		Stoker Jet Manifold										
47												
48												
ALCO NOTE 1 OK 49	1	Test Gauge Cock - PRIME SHOP CARD 937-3, STYLE 2, ~~EXCERT~~ SHANK				4-1				PRIME		56 - 8 41-53 41 - 62 TO 65
50		THREADED 1⅛" - 12 THDS. AT POINT - WHITWORTH THREADS -				2-6 "						
51		TAPER ¾" IN 12" - ALSO TOP CONN. TO BE WHITWORTH FORM OF THREADS				2-12 "						
52		Water Circulator Valve										
53												
54		Water Circulator Check Valve										
55												
56												
57		Whistle Shut-off Valve										
58												
59												
60		Water Scoop Valve										
61		Water Scoop Cut-out Cock										
62		Water Scoop Heater Valve										
63		Water Scoop Operating Cock										
64												
65												
66												

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	STYLE	SIZE	REMARKS	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 26 and 27—COCKS AND VALVES (Continued)										
		Where Used										
ALCO NOTE 1	2	Universal Joint - BLOWER OPER. VALVE & EXT. ROD		#2	HANCOCK, NATHAN, OR ~~PENNA~~ - DWG. D-5-1926-B		2-21 1-27			14-58		
2												
3	1	Universal Joint - CAB ROOF VENTILATOR		#2	" "		3-6			61-5T		
4												
5		Universal Joint										
6												
7		Universal Joint										
8												
9		Universal Joint										
10												
11		Universal Joint										
12												
13		Universal Joint										
14												
15		Universal Joint										
16												
17		Universal Joint										
18												
19		Universal Joint										
20												
21		Universal Joint										
22												
23		Universal Joint										
24												
25		Universal Joint										
26												
27		Universal Joint										
28												
29		Universal Joint										
30												
31		Universal Joint										
32												
33		Universal Joint										
34												
35		Universal Joint										
36												
37		Universal Joint										
38												
39		Universal Joint										
40												
41		Universal Joint										
42												
43												
44												
45												
SUFF. FOR 20 ENG. 46	20 SETS	VALVE NAME PLATES - 26-MO-19-~~A~~ B (REV. FOR FUTURE SEE ALCO SHEET 316)					4-1 3-27			EASTERN ETCH. & MFG. CO.		
47		TOTAL NUMBER OF PLATES TO BE FURNISHED ON THIS PURCHASE ORDER TO BE THE TOTAL										
48		NUMBER SHOWN ON MATERIAL ORDER AS BEING ~~AS~~ REQUIRED FOR 20 ENGS.										
49												
50												
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												
61												
62												
63												
64												
65												
66												

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	STYLE	SIZE	REMARKS	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 26 and 27—COCKS AND VALVES (Continued)										
		Where Used										
ALCO 1	✓ 3	Gauge Cock – NATHAN #4895 & LINES 3417-B					3-3					
NOTE 1 2	✓	WHITWORTH THREADS ON BOILER SHANKS			NOTE 1		1-29 12-31			13-52		
3		" "					1-6					
4												
5												
6												
7		Water Column										
8												
9												
10												
11												
12		Water Gauge Guard										
13												
14		Water Gauge Glass										
15												
16		Water Gauge Rubber Gaskets										
17												
ALCO 18	✓ 1	Water Gauge ~~Slip Joint~~ – TYPE L-2 – WITH ELECTRIC LIGHT ATTACHMENT –					10-17					
NOTE 1 19	✓	TO DWGS. 1642-C – WATER GAUGE COCKS SHALL BE 3-WAY PLUG ~~4588-B~~ 4889-B NATHAN BOTTOM BRKT. PART 42731 AND TOP BRKT.				10-17	12-31			NATHAN		
20	✓	NATHAN PART 42730 – WITH COUPLINGS FOR 5/8" O.D. COPPER PIPE AT TOP COCK AND AT TOP OF GAUGE – REF INFORMATION SENT TO YOU BY ALCO				10-27-1	3-5 2-18			14-23		
21	✓	TYPE WITH LEVER HANDLES CLEARLY INDICATING OPEN POSITION OF COCKS – WITH CLEANING PLUGS – ENGR DEPT'S LETTER OF OCT. 14 1941.					1-7					
22		COCKS TO BE OPENED AND CLOSED SIMULTANEOUSLY BY ONE ROD – WHITWORTH THREADS ON BOILER SHANKS – COMPLETE WITH A SCREW TYPE DRAIN VALVE – ALL TO NATHAN DWG. 4966										
23		Water Gauge Guard										
24												
25		Water Gauge Glass										
26												
27		Water Gauge Rubber Gaskets										
28												
29		Water Gauge Slip Joint										
30												
31												
32												
33		Water Gauge Flexible Drain Pipe										
34		" " " " " Con.										
35												
36												
37												
38												
39												
40												
41												
42		**GROUP 28—COCK RIGGING**										
43												
44		Cylinder Cock Oper. Cyl.										
45												
46												
47												
48												
49		**GROUP 30—CROSSHEAD**										
50												
51		Keys—Spring Steel										
52												
53		Crosshead Shoe										
54		" "										
55												
56		Bearing Metal Pounds										
57												
58	40	CROSSHEAD LINER Rivets, Copper OR SOFT BRASS – 3/8" Dia.		1 1/4" Long	FLAT CTSK Head		1-28				15-29	
59												
60												
61		Crosshead Floating Liners Fibre Card No.										
62	4	CROSSHEAD SIDE LINERS – 1/4" x 5 1/2" x 24" – ENDS SQUARED –					1-28				15-16	
63		COLD ROLLED PHOSPHOR BRONZE – ASTM SPEC. B-103, GRADE A, 4 NUMBERS HARD –										
64		TOLERANCES: WIDTH PLUS .010" AND MINUS .000" – LENGTH PLUS 1/32" AND MINUS .000"										
65												
66												

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 31 and 32—CYLINDER AND DETAILS							
1	2	Cylinder Bushing—Hunt Spiller Gun Iron		1-9			15-37		
2		Hunt Spiller Pat. No. ~~HS~~ - 6251 - 40½" LG.		1-9					
3									
4									
5	4	Steam Chest Bushing—Hunt Spiller Gun Iron - FOR 12" VALVE - ROUGH CASTINGS -		1-10			15-62		
6		Pat. No. L-32-S-~~24~~ 24165 Card No. 322-S-~~43~~ 43980 43738		1-20			322-A-509		
7	~~14~~	~~R.H. STOVE BOLTS~~ - 3/16" DIA. x ¾" LONG - ~~WHITWORTH THREADS~~ (FOR CYL. CASING SLIDE GUIDE)	1-30	12-23			15-64		
8	~~96~~ 84	R.H. MACHINE SCREWS - STEEL - ⅜" DIA. x ⅝" LONG - ~~WHITWORTH~~ THREADS (FOR CYL. CASING)		2-10			15-65		
9	4	PISTON VALVE BUSHING TAP BOLT WASHERS - COPPER - 2" O.D. x		12-23			15-63		
10		1 1/16" I.D. x 1/16" THICK		"					
11									
12		**GROUP 33—CYLINDER, COMPOUND ATTACHMENTS**							
13									
14		Intercepting Valve Card No.							
15									
16									
17		Intercepting Valve—I.D. Merchant Pipe No. Threads Feet Inches							
18		" " " " " " " " "							
19									
20		Copper Rivets Dia. Long Heads							
21									
22									
23		Packing							
24		"							
25									
26		Bronze Wire Dia. Feet Inches							
27									
28									
29		Copper Tube Gasket O.D. B.W.G. Feet Inches							
30									
31									
32									
33									
34		**GROUP 34—BY-PASS AND RELIEF VALVES**							
35									
36		Relief Valve, Cylinder Card No.							
37		Relief Valve, Steam Chest " "							
38		Vacuum Valve, Cylinder " "							
39		Vacuum Valve, Steam Chest " "							
40									
41									
ALCO NOTE 42	4	Cylinder Head Relief Valve - ASHTON 2½" - COMPLETE INCLUDING CAPS -		2-27			ASHTON VALVE CO.,		16-35
43		SHANK THREADED 2½" PIPE THRDS. - ~~SIMILAR TO~~ GC-30 TYPE - DRG. 923-C-		3-14			BOSTON, MASS.		
44		VALVES SET AT 272 LBS.		"					
45		By-Pass Valve Cast Iron Body Card No.							
ALCO NOTE OR 46	4	SINGLE UNIT AUTO. CYL. PROTECTION VALVES - WITH SCREW CONNECTIONS		1-24 2-14			PRIME MFG. CO.		16-39
47		TO CYLINDER - COMPLETE WITH 2 MANIFOLDS - SUITABLE FOR 25" DIA. CYL. AND 227 LB. B.P. - PRIME SHOP CARD 11-U-5							
48		**GROUP 36—DOME**							
49									
50	1	ANNEALED Copper Wire Gasket 5/16" Dia. 7 Feet 0 Inches		12-24			16-55		
51									
52									
53		Dome Throttle							
54									
55		Dome Shut Off Valve							
56		" " " " Packing							
57									
58		Dome Separator							
59									
60									
61									
62									
63									
64									
65									
66									

SPECIALTIES AND MISCELLANEOUS

ORDER_____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 37—DRAWGEAR							
1		Coupler (Engine) Card No.							
2		x Shank Knuckle							
3									
4		USE COUPLERS & POCKETS FROM C.O. 1195 FOR SHIPPING ENGINES		7-24					
5		Coupler (Tender) Card No.							
6		x Shank Knuckle							
7	2	STEEL HEX. NUTS - 2½" - 4 THRDS. PER 1" - STD. FACED - WHITWORTH THREADS -		2-27			17-45 & 47-16		
8		ORDER 10% EXTRA - (FOR COUPLER HOOK - E. & T.)		"					
9		Coupler Pocket (Engine) Card No.							
ALCO NOTE 1 10	1 SET	LOCO. DRAFT GEAR - C-W TYPE W-12-S (MINER CLASS A-120-P) - TO C-W DRG. E-1824-B (MINER 19420-A-EXCEPT WITH INTERNAL PARTS OF GEAR SUITABLE FOR 2½ DIA. PULL ROD - GEAR COMPLETE WITH FOLLOWER -		1-29			W. H. MINER, INC.		
11		TO FOLLOWING SPECIFICATIONS: CAPACITY		1-13			CARDWELL - WEST.		
12		6000-9000 FOOT LBS. - INITIAL LOAD 8000 LBS. -		1-29			OR W. H. MINER, INC.		
13		ULTIMATE LOAD 120,000-175,000 LBS. - STROKE 2½"		"			17-34		
14				1-29					
15									
ALCO 16	1 SET	Radial Buffer - TYPE E-2 - COMPLETE WITH ALL Card No.		12-30			FRANKLIN		
NOTE 1 17		PARTS INCLUDING SPRINGS - OMIT TENDER POCKET -		"			22-2		
OK 18		TO BALMAR DRG. D-56633-G - FLOATING BLOCK TO BE CAST		1-17					
19		STEEL		"					
20				1-17					
ALCO 21	2	UNIVERSAL 1000. FRICTION BUFFERS - TYPE B-22-P - (1 WITH FLAT FACE HEAD -		1-29			W. H. MINER, INC.		
NOTE 1 22		1 WITH CONVEX FACE HEAD) - TO MINER C-W DWG. E-1807-D (19376-B - BUFFERS TO		1-8			CARDWELL - WESTINGHOUSE		
23		FOLLOWING SPECIFICATIONS: TO HAVE CAPACITY OF 4500-6100 FOOT POUNDS - INITIAL		1-13			OR W. H. MINER, INC.		
24		LOAD 4000 LBS. - ULTIMATE LOAD 60000-90000 LBS. -		1-29			17-39		
25		STROKE 3" - TO WITHSTAND A LOAD OF 100,000 # WHEN SOLID		"					
26				3-14					
27		Drawhead		"					
28									
29		Uncoupling Shaft Bracket End Card No.							
30									
31		Uncoupling Shaft Bracket Center Card No.							
32									
33		Uncoupling Shaft Bracket Filler Card No.							
34									
35		Uncoupling Shaft Bracket Filler Cotter Card No.							
36									
37		USE 1196 COUPLERS & POCKETS FOR SHIPMENT							
38									
39		**GROUP 39—ECCENTRIC**							
40									
41		Eccentric Rod Lock Washers							
42									
43	2	HEX NUTS - STEEL - SLOTTED - 1¾" DIA. - 1 5/16" THICK - 5 THRDS. - WHITWORTH -		2-24					
44		HEAVY SERIES - CASE HARDENED - ORDER 10% EXTRA		"			17-65		
45		**GROUP 40—ENGINE TRUCK**							
46									
47		Engine Truck Type							
48									
49									
50									
51	2	STD. FINISHED SLOTTED NUTS - 1¾" x 1 15/16" THICK - WHITWORTH THRDS. -		3-6					
52		ORDER 10% EXTRA		3-3			18-3		
53	4	ENG. TRUCK PEDESTAL LINERS - DWG. 412-S-53260-1 - SPRING STEEL -		" 3-21					
54		AAR SPEC. M-112-45 SAE 1095 OR EQUIV.		2-25			G.S.C. CORP.		19-45
55		**GROUP 41—TRAILER TRUCK**		3-5					
56				"					
57		Trailer Truck Type							
58									
59									
60									
61									
62									
63									
64									
65									
66									

SPECIALTIES AND MISCELLANEOUS

ORDER _____

	Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 44—EXHAUST PIPE							
1			Copper Rivets Dia. Long Head							
2										
3			Exhaust Pipe I.D. No. Thds. Ft. Inches							
4										
5			Exhaust Pipe Gasket – SEE P. 51, L. 36 Card No.							
6			Mobilene Johns Manville 1-32" Thick							
7										
8										
9			Emergency Exhaust I.D. No. Thds. Ft. Inches							
10			" " " " "							
11			" " " " "							
12										
13										
14			Expansion Sleeve, Hard Brass Pipe O.D. I.D. Ft. Inches							
15										
16			Elbow Casing							
17										
18			Packing, Ball Joint							
19			" Expansion Sleeve							
20			" – EXH. PIPE BASE – SEE P. 51, L. 36							
21										
22			**GROUP 45—FIRE DOOR AND FIRE BRICK**							
23										
24	ALCO 1		Firedoor—Kind BUTTERFLY – PNEUMATIC – ~~Maker~~ FOR USE WITH H.T. STOKER –		12-20			FRANKLIN		✓
25	NOTE 1		~~OPERATING VALVE IN DECK~~ – TO YOUR DRG. D-36956-E, LINE 6, FOOT		2-5 1-27			20-18		✓
26	OR		PEDAL STYLE ~~E~~ F, CYLINDER STYLE 2, FRAME TO DRG. C-36947-A, LINE 4		10-6					✓
27			Firedoor Frame							
28										
29										
30			License Plate							
31										
32										
33	ALCO 1 SET		Fire Brick, ~~Card~~ ~~457-5-29530-Z~~ YOUR DRG. 17603-A	2-17	2-3 1-13			AMER. ARCH CO. 20-28		
34	NOTE 1		FIRE BRICK TO BE BOXED FOR OVERSEAS SHIPMENT IN LOCOMOTIVE SETS –		"					
35			EACH LOCO. SET IN ONE OR TWO BOXES – MARK BOXES WITH		"					
36			DESIGNATION "FIRE BRICK", OUR PURCHASE ORDER NUMBER, AND		"					
37			THE NUMBER AND QUANTITY OF EACH STYLE OF BRICK		"					
38			~~Fire Clay~~ ORDER ONE EXTRA SET OF FIRE BRICK FOR LOCO. TEST –		6-2					
39			NOT TO BE PACKED FOR OVERSEAS SHIPMENT		"					
40			Smoke Consumer							
41										
42										
43			**GROUP 46 and 47—FRAME AND DETAILS**							
44										
45			Frame							
46			"							
47										
48			Frame Cradle							
49	17#		½" DIA. FLAT COUNTERSUNK HEAD COPPER RIVETS – 1½" LONG		1-30 1-27			20-40		
50			FOR FRAME SHOE & WEDGE LINER							
51										
52			Bed Casting							
53										
54										
55	20		STD. HEX 1¼" CASE HARDENED NUTS – 1¼" THICK – 7 THRDS. – WHITWORTH –		3-3			57-46		
56			ORDER 10% EXTRA (FOR FRAME WEDGE BOLTS)		"					
57			**GROUP 50—GUIDES**							
58										
59			Guide Floating Block License Plate							
60										
61			**GROUP 53—HANDRAIL AND STEPS**							
62										
63			Handrail Conduit L.S. ON ELEC. M.O. Ft. 65 Inches							
64	1 SET		Handrail – 1" STD. WT. STEEL PIPE – " 60 FT. – 0" – AAR SPEC. M-111-42		2-5			31-56		
65			R.S.							
66										

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 51 and 52—GRATES AND DETAILS							
1									
ALCO 2	1 SET	Grate S - FIRE BAR - ~~PER INFORMATION FURNISHED DIRECT BY ALCO~~ ARRGT. DRG. 8-K-5111-D							
NOTE 1 3			12-10	2-13 12-10			WAUGH. E. CO. 23-9		
4									
5									
6									
7									
8									
9		Grate Shaker							
~~10~~	1½ LBS.	1" EX. HVY. GALV. STEEL PIPE STRAPS - DRILLED FOR ¼" BOLTS } FOR CAB		5-12			55-12		
~~11~~	2 LBS.	¾" " " " " " " " - " " ¼" " } CONDUIT		"			55-13		
12									
13	1	HANDRAIL UNION (R.S.) - P.N. Co, CCF-3		4-30			60-11		
14	2	~~1¼~~" 1" x 1" WELDOLETS (FOR HANDRAILS)		5-5 "			BONNEY FORGE & TOOL WKS. 60-12		
15		**GROUP 54—HEADLIGHTS, LAMPS, PLATES, ETC.**							
16									
ALCO NOTE 1 17	1	Headlight - 14" NON-GLARE GLASS REFLECTOR - ROUND SHEET METAL CASE -		3-27			P-N 24-36		
18		WITHOUT SIDE NOS. - YOUR DRG. 20-C-240							
19									
ALCO NOTE 1 20	1	HEADLIGHT SWITCH - HSCR-22 - WITH DIMMER FOR LIGHT - 250 WATTS		3-27			P-N 24-41		
21		AT 24 VOLT - COVER WITH POLISH MARKINGS INSTEAD OF ENGLISH, AS FOLLOWS: FOR "FULL" SUBSTITUTE "WTACZ" -							
22		FOR "OFF" SUBSTITUTE "WYTACZ" - FOR "DIM" SUBSTITUTE "PRZYTUM"							
ALCO 23	1 SET	TURBO- Generator - TYPE K-240-3 - 24 VOLT - 500 WATT -	2-26 12-11	1-20 12-11			YOUR DWG. 20298-C P-N 24-46		
NOTE 1 24		WITH 1 INSTRUCTION BOOK & 1 WRENCH							
OR 25				1-20					
FOR 2 ENG. ONLY 26	1	CONDUIT UNION - P.N. CO. CCF-2 } FOR PYROMETER -		5-2			55-37		
27	1	" ELBOW - " VELM-2290 } ENGS. 1 & 11 ONLY		"			55-38		
28	1	" PIPE PLUG - TDR. P.N. Co. RBS-20		5-5			55-43		
29	1 SET	Electric Equipment — ENG. & TDR. - 54-MO-233-~~A B C D E F G H J~~	9-12 7-25 5-12	4-29 3-27 2-26	2-24 2-3 1-22		25-ALL		
30	14	R.R. ACC. CORP. TYPE "BEE" EYELETS FOR #10 WIRE AND ¼" POSTS #178-3		10-30			30-8		
31	920 695	150 FT. #10 A.W.G. SINGLE CONDUCTOR ~~CABLE~~ HEADLIGHT WIRE FOR HEADLIGHT CIRCUIT - STRANDED OR SINGLE WIRE -		"			30-9		
32	~~735~~ FT.	19/27 A.W.G. STRANDED SINGLE CONDUCTOR HEADLIGHT WIRE WITH	3-27	2-24 1-13			STRANDED PREFERRED 25-13		
33		VARNISHED CAMBRIC, FELTED ASBESTOS, COTTON BRAID - .210" O.D.,		"					
34		OR EQUAL (~~735~~ 205 FT. USED ON TENDER)	3-27	2-24 "					
35									
36	20 ~~76~~ FT.	No. 16 A.W.G. DELTABESTON HEATER CORD, STYLE A -		ON M.O. - DO NOT ORDER IN FUTURE					
37		2 CONDUCTOR ~~OR CANVASITE CORD~~		1-31 1-13			25-16		
38	35 FT.	No. 16/65 TYPE S — 2 CONDUCTOR PORTABLE CORD - .410" O.D.,		2-12 "					
39		OR EQUAL		"			25-17		
40		Air Gauge Lamp		"					
~~ALCO NOTE 1~~ 41	X	~~CAB LAMP - MCN-40 - WITH DB-8 STRAIN RELIEF BUSHING~~		2-5 1-20			P-N 24-23		
42		Booster Gauge Lamp							
ALCO NOTE 1 43	1	DECK LAMP - FLA-1		1-20			P-N 24-24		
44		Back Pressure Gauge Lamp							
45									
ALCO NOTE 1 46	1	Engineer's ~~Light~~ LAMP - ELHC-22		1-20			P-N 24-25		
ALCO NOTE 1 47	6	VALVE MOTION LAMP - SLGC-11		1-20			P-N 24-26		
48		F.W. Heater Gauge Lamp							
ALCO NOTE 1 49	1	PORTABLE HAND LAMP - HLL-15		1-20			P-N 24-27		
50		Gauge Panel Lamp							
51	8	¼" OVAL SLOTTED HEAD STEEL MACH. SCREW - ⅞" LONG (FOR EMBLEM) - ORDER 10% EXTRA					24-34		
52	16	¼" " " " " " " " - ¾" " (FOR No. 8 CL. PL.) - " " "					24-35		
53	4	EMBLEMS - ALUMINUM - PATT. L-54-S-3579 - DWG. 543-S-302630		5-12			56-47		
54		Pyrometer Gauge Lamp							
55	2	⅝" - 11 WHITWORTH THRD. STEEL HEX NUTS - ORDER 10% EXTRA		4-13			(FOR SIGNAL FRT. 55-18		
56		Steam Gauge Lamp							
57	11	CONDUIT CLAMP NUTS - ½" - 13 - HEX. - STEEL - STD. FACED (10%)		5-12			55-62		
58		Steam Heat Gauge Lamp							
59	11	CONDUIT CLAMP ½" SPRING LOCK WASHERS (10%)		5-12			55-63		
60		Stoker Gauge Lamp							
61	2	¼" x 3½" STOVE BOLTS - COMPLETE WITH NUTS & LOCKWASHERS (10% EXT.) FOR ENGRS. LIGHT BRKT.		6-4			55-65		
62		Water Gauge Lamp							
63	6	¼" - 20 x 3½" STEEL STOVE BOLTS - WITH 2 HEX. NUTS EACH (10%)		5-12			55-15		
64		Water Gauge Lamp							
65	1	WATER LEVEL INDICATOR - STEEL PLATE - ETCHED - 542-S-302661		4-9			23-65		
66	1	" " " - " " - " - 542-S-302662		"			23-66		

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 54—HEADLIGHTS, LAMPS, PLATES, ETC.							
1		Classification Lamp							
2									
NOTE 1 ALCO 3	4	Marker Lamp - TSLC-228 RCB - WITH 8" CLEAR LENS AND ~~RED COLOR~~ RT SLIDE - TO DRG. 18061-D (2 ENG, 2 TDR.)		2-10 12-11			P-N 24/29 + 31/2		
4	4	RED ROUNDELS - TSL-60-R - FOR ENG. & TDR. MARKER LAMPS		2-10			38/2 & 39/2		
5		Back Up Lamp							
6	8	STEEL WING NUTS - 3/16" - ORDER 10% EXTRA		3-3			23/59 & 63		
7									
8		Train Number Lamp							
9	24	1/4" OVAL SLOTTED ~~FILLISTER~~ HEAD STEEL BOLTS - 5/8" LONG - WITH 1 NUT EACH (FOR NO. PLATES ETC - SIDES OF CAB)		4-21 4-1			24-49		
10		ORDER 10% EXTRA		"					
11		Letter and Number Case							
12	26	CTSK. ~~ROUND~~ HEAD BRASS MACH. SCREW - #10 - 32 ~~3/4~~ 7/8" LONG (FOR SPEED PLATE & FOR PRESSURE PLATE)		4-11 3-14	3-21	4-11	24-50 & 24-33		
13	2	3/8" CTSK. HEAD BRASS MACHINE SCREW - 3/4" LONG (FOR CROWN SHEET MARKER)		4-4			24-48		
14		Train Number Indicator Lamp Glass							
FOR 2 ENGS. ONLY 15	50 FT.	OF 3/4" RIGID METAL BLACK ENAMELED STEEL CONDUIT FOR PYROMETER CONDUIT - FOR ENGS. I & II ONLY		2-12			24-54		
16	X	PYLET - P-N Co, ~~R-25-C~~ - See P. 49, L. 26-27		5-2 "			CHANGE 55		
17	3 X	" - " " R-25-LB		5-2 "			FOR FUTURE - 56		
18	3	" COVER - " RK-250		"			SEE ALCO 57		
19	3 X	" " GASKET - P-N Co, RK-250-S		5-2			SHEET 333 58		
20	4 X	CONDUIT UNION - " CC-2		9-12 "			59		
21		GROUP 55—INJECTOR AND FEED WATER HEATER							
22									
FOR 10 ENGS. ONLY ALCO NOTE 1 23	2	Injector, ~~Right~~ (1 R. & 1 L.) — Maker NATHAN — Boiler Pressure 227 Lbs. (MIN. WITH 70 DEG. TEMP. OF WATER)		1-13			NATHAN 26-14		
24		Size 5000 GAL. CAP. — Type NL 4131 — Location Cab		4-2					
25		Pipes: 2 1/4" O.D. COP. Steam, 2 1/2" STEEL Suction, 2 1/2" O.D. COPPER ~~STEEL~~ Delivery		3-10 1-29					
26		Operating Valve — With or None — Inside—Outside Cab							
27		TO INCLUDE 2" BALANCED LEVER STARTING VALVE DRG. 2054 WITH EXT. HANDLE & CAB STANDS TO DRG. 4903 - OMIT TELL TALE NOZZLE PART 30 - FURNISH MANUAL		4-2					
28		OVERFLOW CONTROL - COPPER PIPE SLEEVES FOR ROLLED OVERJOINTS - OVERFLOW AND WATER VALVE HANDLES TO BE MARKED IN POLISH "ZAW. WODY" - INJECTOR SIMILAR TO NATHAN. DRG. ~~4444-B~~ 4900, LINE 1							
FOR 10 ENGS. ONLY ALCO NOTE 1 29	1	Injector, ~~Left~~ R.H. — Maker NATHAN — Boiler Pressure 227 Lbs.		1-13			NATHAN 26-52		
30		Size 5000 GAL. CAP. — Type NL 4131 — Location Cab		4-2					
31		Pipes: 2 1/4" O.D. COP. Steam, 2 1/2" STEEL Suction, 2 1/2" O.D. COPPER ~~STEEL~~ Delivery		2-3 3-10					
32		Operating Valve — With or None — Inside—Outside Cab							
33		TO INCLUDE 2" BALANCED LEVER STARTING VALVE DRG. 2054 WITH EXT. HANDLE & CAB STANDS TO DRG. 4903 - OMIT TELL TALE NOZZLE PART 30 - FURNISH MANUAL		4-2					
34		OVERFLOW CONTROL - COPPER PIPE SLEEVES FOR ROLLED OVER JOINTS - OVERFLOW AND WATER VALVE HANDLES TO BE MARKED IN POLISH "ZAW. WODY" - INJECTOR SIMILAR TO NATHAN DRG. ~~4444-B~~ 4900, LINE 1							
FOR 10 ENGS. ONLY ALCO NOTE 1 35	1	BOILER ~~Injector~~ Check—~~Right~~ — Size — Maker EDNA — ~~Type~~ FIG. 237 -		1-13 1-29			26-24		
36		DOUBLE STOP & CHECK - TOP OF BOILER - FOR INJ. R. & L. - PIPE CONNS. FOR 2 1/4" O.D. COPPER - COPPER PIPE SLEEVE FOR ROLLED OVER JOINT ~~2" STEEL~~ PIPE - L.H. SIDE WITH							
37		STUDDED CAP FOR FUTURE APPLICATION OF F.W. HEATER - BODY PART 9108 - SIMILAR TO EDNA DRG. A-1288 - N ANGLE OF PIPE CONNS. TO BE 25 DEG.							
FOR 10 ENGS. ONLY ALCO NOTE 1 38	1	BOILER ~~Injector~~ Check—~~Left~~ — Size — Maker EDNA — ~~Type~~ FIG. 237 -		1-13			26-28		
39		DOUBLE STOP & CHECK - TOP OF BOILER - FOR WORTH. 4-SA F.W. PUMP L.S. AND INJ. R.S. - PIPE CONNS. FOR							
40		2 1/4" O.D. COPPER ~~2" STEEL~~ PIPE - COPPER PIPE SLEEVE FOR ROLLED OVER JOINT - SPRING LOADED ~~CUSHION TYPE~~ CHECK PART 9073 ~~5584~~ & CAP PART 9074 ~~4142~~ FOR F.W.H. BODY PART 9108 -		1-29					
41		SIMILAR TO EDNA DRG. A-1288 - N ANGLE OF PIPE TO BE 25 DEG. R. & L. ASSBLY. A-2078		3-20 2-12					
FOR 10 ENGS. ONLY ALCO NOTE 1 42	1	Injector Steam Valve - NATHAN OR EQUAL - 2" ANGLE TYPE - INLET		1-13			26-36		
43		SHANK 2 1/2" PIPE THRD. - FLANGE UNION OUTLET FOR 2 1/4" O.D. COPPER PIPE ROLLED OVER JOINT - HANDLE							
44		ATTACHED - ~~SIMILAR~~ TO NATHAN DRG. 3400-E, ~~LINE 2~~ 960-A		4-2					
FOR 10 ENGS. ONLY 45	2	Injector ~~Starting~~ STEAM Valve - NATHAN OR EQUAL - 2" ANGLE TYPE - INLET		1-13			26-39		
ALCO NOTE 1 46		SHANK 2 1/2" PIPE THRD. - FLANGE UNION OUTLET FOR 2 1/4" O.D. COPPER PIPE ROLLED OVERJOINT - HANDLE							
47		ATTACHED - ~~SIMILAR~~ TO NATHAN DRG. 3400-E, ~~LINE 2~~ 960-A		4-1					
48									
FOR 10 ENGS. ONLY 49	2	Feed Pipe Strainer—~~Right~~ M-M-M FIG. 40-B, #7, ~~SIMILAR~~ TO YOUR DWG.		2-14 1-6			M-M-M 26-45		
ALCO 50		B-888-~~45~~ 15, ~~EXCEPT~~ WITH INLET THREADED FOR 4 1/2" DIA. 8 THREADS		2-26 " "					
NOTE 1 51		~~AND TAP TOP & BOTTOM FOR 3/4" PIPE THREADS~~		" "					
FOR 10 ENGS. ONLY 52	1	Feed Pipe Strainer—~~Left~~ M-M-M FIG. 40-B, #7, ~~SIMILAR~~ TO YOUR DWG.		" "			M-M-M 26-48		
ALCO 53		B-888-~~45~~ 15, ~~EXCEPT~~ WITH INLET THREADED FOR 4 1/2" DIA. 8 THREADS		2-26 " "					
NOTE 1 54		~~AND TAP TOP & BOTTOM FOR 3/4" PIPE THREADS~~		" "					
FOR 10 ENGS. ONLY 55	1 SET	Feed Water Heater—EQUIPMENT - COMPLETE		1-9			WORTHINGTON 26-8		
56		3 1/2" SA-HOT PUMP - ~~SIMILAR~~ TO DRG. DY-87153 - ARRANGE FOR TYPE		1-24 3-25					
57		LBW NATHAN LUBRICATOR - COLD PUMP ~~SIMILAR~~ TO SK-59322 -		" 3-27					
ALCO 58		HEATER TO DRG. DY-91147 - GAUGE TO BE CALIBRATED IN KILOGRAMS		2-24 "					
NOTE 1 59		PER SQ. CM. - PRESSURE GAUGE TO DWG. SK-103781 - STEAM STRAINER TO DWG. SK-103792		3-27			PRESS. GAUGE DIAL AS PER DWG. SK-112770		
FOR 10 ENGS. ONLY 60	1	Feed Water Heater Gaskets — DWG. 552-S-~~93610~~ 93680-X		1-24 1-13			26-60		
61									
FOR 10 ENGS. ONLY 62	1	F.W.H. OIL SEPARATOR - SIZE 2" - TO YOUR DWG. 9466 - EXCEPT BOLT		1-20			SWARTWOUT 26-61		
ALCO NOTE 1 63		CIRCLE TO BE 5" INSTEAD OF 4 3/4" AND FLANGE 6 1/2" DIA.							
64									
FOR 10 ENGS. ONLY 65	1	F.W.H. OIL SEPARATOR - SIZE 5" - TO YOUR DWG. ~~3486~~ LOS-9172-1		1-31 1-20			SWARTWOUT 26-63		
ALCO NOTE 1 66									

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 57—LAGGING AND JACKET							
1	2 BAGS	Asbestos Cement (100# EACH) Bags - FOR BOILER LAGGING		2-5			27-39		
2	40#	RETORT CEMENT - FOR STACK & CYL. SADDLE		1-23			27-41		
3									
4	1 SET	Boiler Lagging 85 % Sectional Magnesia Card No. 571-S-804510-~~X~~Y	5-2	5-1 1-15 6-30			27-28		✓
5	1250 FT.	#14 BWG SOFT STEEL GALVANIZED WIRE FOR HOLDING BOILER LAGGING - TO BE FURNISHED WITH ABOVE LAGGING						27-29	✓
6	20	MAGNESIA BLOCKS - 2" x 6" x 30" (FOR S.T. PIPE LAGGING)		5-2			27-30		✓
7		Pipe Covering Engine M.O.							
8		" " M.O.							
9	16	5/16" ROUND HEAD MACH. SCREWS - ½" LONG - FOR CYL. OIL STUD POCKET & FRAME		9-4					
10	~~48~~ 24	5/16" FLAT HEAD MACH. SCREW - ½" LONG (10% EXT.) - FOR CYL. OIL STUD POCKET DOOR & FRAME		9-4 6-9			27-37 27-62		✓
11		Pipe Covering Tender M.O.							
12	30 FT.	ST. HEAT PIPE COVERING - 4" x 1" UNARCO INSUTAPE SECTIONAL ASBESTOS - 1" THICK - FOR 2"		5-28					
13		PIPE - ~~FURNISH 40 BANDS~~ (FOR TENDER)		5-12 " "			27-54		✓
14		Receiver Pipe Lagging							
15	350 FT.	UNARCO WATERPROOF INSUTAPE - 2" x ¼" (FOR 1½" AND 2" PIPES)		3-13			FOR FUTURE 27-44		
16	280 FT.	" " " - 1 9/16" x 3/16" (" ¾", 1" & 1¼" ")		"			SEE ALCO 27-45		
17	180 FT.	" " " - 1" x 3/16" (" ½" & SMALLER ")		"			SHEET 336 27-46		
18		Steam Chest Cover Lagging							
19		Cylinder Lagging							
20	2	INSUTAPE - UNARCO OR EQUAL - 1 9/16" x 3/16" x 30" LONG - (FOR ST. PIPE CASING GASKET)		1-8					
FOR 10 ENGS. ONLY 21	95 FT.	SUPER. INSUTAPE - 4" x 1"		3-3			27-35		
22	40 FT.	INSUTAPE - 1 9/16" x 3/16"		"			27-36		
23	170 FT.	" - 1" x 3/16"		"			27-37		
FOR 10 ENGS. ONLY 24	210 FT.	UNARCO WATERPROOF INSUTAPE - 2 3/8" x 3/8" (FOR INJ. ST. PIPE)		3-13			27-38		
25	80 FT.	" " - 2 3/8" x 3/8" (" LUB. OIL PIPE CLUSTER)		"			27-33-34		
26	530 FT.	ASBESTOS TUBING - 3/8" I.D. - SINGLE THICKNESS (" " " PIPES)		"			27-42		
27	98	ARCH TUBE PLUG CASING - PRESSED STEEL " " " 662-S-91751		" 10-30 1-23			27-48		
28	14	WASHOUT " " - " " " " " 662-S-91753		"			YORK CORRUGATING CO. 35-25		
29	2	" " " " " - " " " " " 662-S-91820		"			" 35-27		
30	2	" " " " " - " " " " " 662-S-91821		"			" 35-28		
31		See P. 61, L. 22					" 35-29		
32	6	PARKER KALON TYPE A #10 x ¾" SELF TAPPING SHEET METAL SCREWS		5-12					
33		Jacket Machine Screws					27-57		✓
34	4 DOZ.	3/8" - 24 - ½" ROUND HEAD CAP SCREWS		5-12					
35	5 LBS.	5/32" x 5/16" FLAT HEAD IRON RIVETS		"			27-56		
36	X	J-M MOBILENE SHEET PACKING #101 - 15" x 13" x 1/32" (EXH. PIPE BASE)		2-26 12-26			27-58		✓
37	1 SET	THR. AIR JOINT PACKING - DWG. 742-S-8720		1-23			27-49		
38	1	¾" STD. WT. STEEL PIPE - 7'-6" (FOR JACKET THIMBLES)		5-12			27-50		
39		**GROUP 58—LINK MOTION**							
40							27-59		✓
41		Valve Gear							
42	54	CYL. LAGGING - 85% SECT. MAGNESIA - 3" x 1 3/8" x 3'-0" USE SCRAP		6-18					
43	68	" " " " " - 3" x 1⅛" x 2'-6" FROM		"			27-63		
44	6	" " " " " - 3" x 1¼" x 3'-0" BOILER		"			27-64		
45	7	" " " " " - 2" x 2" x 2'-6" LAGGING		"			27-65		
46	13	HEX NUTS - STEEL - SLOTTED - 1⅛" DIA. - 1 1/16" THICK - 7 THREDS - WHITWORTH -		2-24			27-66		
47		HEAVY SERIES - CASE HARDENED - ORDER 10% EXTRA		"			28-6		
48		**GROUP 59—OIL CUPS AND LUBRICATOR**							
49									
ALCO 50	1	MECH. Lubricator—Maker NATHAN TYPE DV-6 - R.H. - FOR CYL. & VALVES, ETC.		12-11					
NOTE 1 51		NAME PLATE MARKED "OLEJ CYLINDROWY" (VALVE OIL)		"			28-39		
52		7 SINGLE FEEDS - 5 DOUBLE FEEDS - OIL PIPES 3/8" O.D. COPPER - HEATER PIPE ~~¼~~ 3/8" O.D. COPPER ~~STEEL~~ PIPE - OIL FEED MARKING							
53		IN POLISH - ~~TO BE FURNISHED LATER~~ - FURNISH SUMMER & WINTER CHOKE -							
54		MARKING & FEED ARRGT. TO DWG. 992-S-~~53091~~ 53090-~~X~~ - LUBR. DRG. 4901, LINE ~~1~~ B 4 4-1 2-17 1-31 1-20 5-14 → NATHAN MARKING DRG. 3560-N, LINE 108		2-12					
ALCO 55	1	MECH. Lubricator—Maker NATHAN TYPE DV-6 - L.H. - FOR CHASSIS		12-11					
NOTE 1 56		NAME PLATE MARKED "OLEJ ZWYKLY" (ENGINE OIL)		"			28-44		
57		9 SINGLE FEEDS - 5 DOUBLE FEEDS - OIL PIPES 3/8" O.D. COPPER - HEATER PIPE ~~¼~~ 3/8" O.D. COPPER ~~STEEL~~ PIPE - OIL FEED MARKING							
58		IN POLISH - ~~TO BE FURNISHED LATER~~ - FURNISH SUMMER & WINTER CHOKE		2-12					
59		MARKING & FEED ARRGT. TO DWG. 992-S-~~53101~~ 53100 - LUBR. DRG. 4901, LINE ~~2~~ B 2 3-14 4-1 2-12 1-20 → NATHAN MARKING DRG. 3560-N, LINE 109							
ALCO NOTE 1 60	10	NATHAN H.P. TERM. CHECK - TYPE DA - FOR 3/8" O.D. COPPER PIPE - DRG. 3421-F, LINE 2		5-14					
ALCO NOTE 1 61	6	" OIL ATOMIZER - ~~TYPE~~ DWG. 3477-A - STEAM INLET ½" O.D. COPPER AND		1-17 5-14			29-39		
62		OIL OUTLET 3/8" O.D. COPPER PIPE		"			29-41		
ALCO NOTE 1 63	1	NATHAN OIL ATOMIZER MANIFOLD - INLET FOR ¾" O.D. COPPER PIPE		"					
64		AND 6 OUTLETS FOR ½" O.D. COPPER PIPES, AND 1 OUTLET FOR		6-12			29-44		
65		3/8" O.D. COPPER PIPE - NATHAN DWG. 3642-F, LINE 16		"					
66	1 SET	LUBRICATOR OUTLET TAGS - 59-MO-12-A		3-3 2-19			EASTERN ETCHING & MFG. CO.		

SPECIALTIES AND MISCELLANEOUS

ORDER

	Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 59—OIL CUPS AND LUBRICATOR							
FOR 10 ENGS. ONLY	1	1 SET	F.W.H. LUBRICATOR - TYPE LBW - TO FIT WORTH, HOT PUMP -		1-9			NATHAN		
ALCO NOTE 1	2		DRG. DY-87153 - COMPLETE WITH DA TERM. CHECK -		"					
	3		LUBRICATOR TO BE MARKED "OLEJ DLA PARY NASYC" ~~LUBRICATOR MARKED IN POLISH~~ - YOUR DWG. 4916		2-13 2-10 " 5-5			29-32		
	4									
ALCO	5	1 SET	Air Pump Lubricator - TYPE LB-3 - MARKED "OLEJ SPREZARKOWY" - WITH	12-11	12-11			NATHAN		
NOTE 1	6		TYPE 3421 F TERMINAL CHECK - OTHER MARKING IN POLISH -	"	7-18			29-35 73-55		
	7	4745	YOUR DWG. 4913 - TO INCLUDE TYPE "DA" - HP OIL TERMINAL CHECK 3421 F LINE 2, SET AT 275# ~~250~~ #-TERMINAL FITTING HEATER CONN. 2758-2, OIL & AIR FITTING ~~EXTENSION~~ #FOR OIL & AIR FITTING S-20799, ELBOW TERMINAL CHECK (DOUBLE BALL) 4013-B LINE 1, ELBOW TERMINAL CHECK 3620-C LINE 2. " ABOVE FITTINGS SUITABLE FOR ⅜" O.D. COPPER PIPE. PUMP CONNECTIONS TO BE ⅜" PIPE THDS.						7-21 7-28	6-18 5-5
	8		STOKER							7-30 6-19 7-24
ALCO	9	1 SET	~~Graphite~~ Lubricator - TYPE S - MARKED "OLEJ DLA PARY NASYCONEJ" -	4-1 12-11	2-20 12-11			NATHAN 29-49		
NOTE 1	10		WITH TYPE DA TERMINAL CHECK, DRG. 4694, OIL RESERVOIR, DRG. 4692-E AND DRIVING MECHANISM, AS SHOWN ON YOUR APPL. DRG. 4726-A -		4-1					
	11		FOR S.S. Co's TYPE 5"x 5" STOKER-OPER. ENGINE ON TENDER - OIL PIPES ⅜" O.D. COPPER							
	12		OIL CUPS							
ALCO NOTE 1	13	1	THROTTLE SHAFT - LUBR. TERM. CHECK - NATHAN - ELBOW DOUBLE		1-31			29-26		
	14		BALL TYPE - DRG. 4013-B, LINE ~~2~~ 2	6-10	6-4 "			FWG T&B		
	15		Boiler Bearing							
	16		Brake Cylinder							
	17		Brake Fulcrum							
	18		Centering Device							
	19	~~2~~	Crosshead ~~OIL CURS - GITS #1007 - STYLE "C" - WITH FELT ON RETAINERS~~		3-13 2-21				28-59	
	20	1	COPPER PIPE - ⅛" I.P. SIZE x 1-4" LONG - FOR XHEAD OIL CUPS		2-21			MKS. 2	28-60	
	21		Eccentric							
	22		Engine Truck							
	23		Flange Oiler							
ALCO NOTE 1	24	4	NATHAN L.P. ELBOW CHECK - DWG. 3620-C, LINE 1 (FOR VALVE ROD XHEAD)		5-14				73-53	
ALCO NOTE 1	25	2	" L.P. STRAIGHT " - " 2430-F, LINE 1 (" " STEM PKG.)		"				73-54	
	26		Link Lifter							
	27		Piston Rod							
	28		" " Extension							
	29		Reverse Shaft							
	30		Rocker							
	31		Rod, Side							
SUFF. FOR 20 ENGS.	32	~~34~~ 15 FT.	1/16" STEEL WIRE (FOR XHEAD OIL CUPS & LINK TOP OIL CUP)		4-28 4-7				73-28 & 45	
SUFF. FOR 20 ENGS.	33	½ OZ.	WOOL YARN (" " " " " " " " " ")		4-28				73-29 & 46	
	34	1	THR. RIGGING OIL CUP - GITS CAT. #804 - ¼" MALE PIPE THRD.		4-28				28-51	
	35	~~4~~	Main ~~Rod~~ AND ~~SIDE ROD OIL CUP SPRING SEATS - FINISHED COMPLETE TO~~		4-21 3-20				29-55	
	36		~~DRG. 602-S-400035~~		"					
	37		Transmission Bar							
	38		" " Hanger							
	39	2	OIL CUPS - #1007 - STYLE "C" - ½" PIPE THRDS. (FOR EXP. SHOE)		2-19			GITS BROS.	28-63	
	40		Valve Stem							
	41		" " Guide							
	42	1	⅛" DIA. ANNEALED STEEL WIRE - 14" LONG (FOR REV. SHT. BRG. OIL CUP)		3-19				29-7	
	43		Spring Steel Oil Cups							
	44	~~22~~ 24	ROD OIL CUP PLUNGERS - DWG. 602-S-400053 - ORDER 50% EXTRA		4-9 3-21				29-56 & 73-18	
	45		GREASE FITTINGS							
	46	12	NATHAN L.P. TERM. CHECKS - ELBOW - DRG. 3620-C, LINE 1		3-14				28-54	
ALCO	47	24	" " " " " - " - " 3776-A " 1		"				55	
NOTE 1	48	10	" " " " " - STRAIGHT - " 3775-A, " 1		"				56	
	49	8	" 4-WAY DIVIDER - " 3515-E, " 2		"				57	
	50	1	" " " " - " 4143-A, " 1 WITH ELBOW - INLET CONN.		"				58	
	51		~~Main Rod Grease Fitting~~ FOR MECH. LUBR. - L.S.		"					
	52	8	¼" STD. COURSE THRD. HEX HEAD CAP SCREW - ½" LONG - THREADED FULL LENGTH		4-8			LK. BLK. OIL CUP COV.	73-33	
	53	~~8~~ 4	¼" " " " " " " " " " - 11/16" " - THREADED ½" LONG		6-27 4-17			PIST. ROD EXT.	73-35	
	54	~~144~~ 144	" " " "							
156	55	~~144~~ 120	¼" STD. COURSE THRD. HEX HEAD STEEL CAP SCREW ~~⅞" LONG~~ 1" ~~THREADED~~ ½"	8-2 4-28	4-7 3-19	ORDER 10% EXTRA		FOR MAIN & SIDE ROD OIL CUP COVERS & LINK TOP OIL CUP & ECC. ROD OIL CUP	29-57 & 73-26 & 29-58 & 73-27 &	19 & 47 20-36 73-48
156	56	~~156~~ 120	#14 SHAKEPROOF INTERNAL TOOTH LOCK WASHERS - STEEL - FOR ¼" CAP SCREW, .040" TH. x 17/32" O.D.							
	57		Crosshead Grease Fitting							
	58		Crank Pin " "							
	59	~~18~~ 19 16	GITS BROS. #548 OIL FITTING (2 FOR PISTON ROD & 16 FOR VALVE MOTION) 1 REV. SHT. ARM	10-17	4-17 3-19				28-66 & 53	
	60		Eccentric Rod Grease Fitting							
	61	10	STEEL ELBOW OIL GAUGE - STYLE OG - #1705 - WITH ½" PIPE THRDS. - FOR DRIV. BOX CELLARS		2-13			GITS	28-64	
	62	2	" " " " - " " - #1703 - " ⅜" " " - " E.T. " "		"			"	28-65	
	63									
SUFF. FOR 20 ENGS.	64	1	LINK BLOCK OIL CUP FELT - 8" x 16" x ¼" THK. - AMERICAN FELT CO. ITEM 5,		1-21 1-9			29-28		
	65		No. 3590, OR EQUAL		"					
	66									

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 59—OIL CUPS AND LUBRICATOR							
1		Alemite Fittings—Ash Pan Shaft Size No.							
2		" " Ash Pan Bearing " "							
3		" " Bell Ringer " "							
4		" " Bell Yoke " "							
5		" " Bell Frame " "							
6		" " Brake Shaft " "							
7		" " Brake Lever " "							
8		" " Blow Off Cock " "							
9		" " Combination Lever " "							
10		" " Crosshead Wrist Pin " "							
11		" " Crank Pin " "							
12		" " Crank Pin " "							
13		" " Eccentric Rod " "							
14		" " Engine Truck Center Pin " "							
15		" " Floating Guide Block " "							
16		" " Furnace Bearer (F) " "							
17		" " Furnace Bearer (B) " "							
18		" " Link Tail " "							
19		" " Link Tail Block " "							
20		" " Link Bearings " "							
21		" " Radius Bar Lifter " "							
22		" " Union Link " "							
23		" " Reverse Shaft Arm " "							
24		" " Reverse Shaft Arm " "							
25		" " Reverse Shaft Bearing " "							
26		" " Reverse Shaft C.B. Arm " "							
27		" " Radial Buffer " "							
28		" " Spring Rigging " "							
29		" " Spring Hangers " "							
30		" " Spring Equalizers " "							
31		" " Main Rod " "							
32		" " Main Rod " "							
33		" " Side Rod " "							
34		" " Side Rod " "							
35		" " Power Reserve " "							
36		" " P. R. Reach Rod " "							
37		" " Throttle Packing Gland " "							
38		" " Throttle Lever Support " "							
39		" " Throttle Lever Support " "							
40		" " Throttle Comp. Lever " "							
41		" " Throttle Comp. Lever Bearing " "							
42		" " Throttle Crank Arm " "							
43		" " Throttle Rod Jaw " "							
44		" " Throttle Rod Jaw Pins " "							
45		" " Trailer Truck Rocker " "							
46		" " " " " " "							
47		" " Engine Truck Rocker " "							
48		" " " " " " "							
49		" " Trailer Truck R. B. Fulcrum " "							
50		" " Valve Rod Crosshead " "							
51		" " Valve Rod " "							
52		" " Mechanical Lubricator " "							
53		" " " " Drive Arm " "							
54									
55									
56									
57									
58		GREASE AND LUBRICATION MATERIALS							
59	3 LBS.	HEAVY GREASE - FOR RAD. BUFFER SURFACES - TDR.	3-27						
60	7½ GAL.	RUST PREVENTATIVE COMPOUND AXS-673	"					29-8	
61	2 QTS.	ALCAID OIL - FOR AIR PUMP LUB.	"					29-9	
62	43 GAL.	CAR OIL - ~~WINTER~~ SUMMER GRADE - FOR BOXES & RODS	4-30					29-12	
63	15 GAL.	" " - " " " - IN 30 GAL. DRUMS (FOR SHIPMENT) ✓	"					29 - 17 TO 20	
64	9½ GAL.	VALVE OIL (SUPER, ST.) - FOR MAIN LUB. & F.W.H. LUB.	"					29-15	
65	7 GAL.	ENGINE OIL - FOR MAIN LUB. & STOKER LUBS.	"					29 - 16-21-24	
66	3 GAL.	RED ENGINE OIL - FOR STOKER LUB.	"					29-22	
67		~~ITEMS 62 & 63 NOT TO BE SHIPPED UNTIL ADVISED LATER - MAY NEED SUMMER GRADE - RAISE QUESTION AUG. 1ST~~						29-16	

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 60—OIL BURNER ATTACHMENTS							
1		Burner							
2									
3									
4		Oil Feed Safety Cut Out Cable							
5		" " " " " " Pulley							
6		" " " " " " Hook							
7		" " Cock Spring							
8									
9									
10		Heater Pipe							
11		" Ends							
12									
13		Oil Damper Regulator Spring							
14		Oil Regulator Latch Spring							
15									
16									
17		Dial Thermometer							
18									
19									
20									
21									
22									
23									
24		GROUP 61—PAINTING							
25									
26		Finishing Enamel							
27	15 GAL.	DUCO BLACK LACQUER #279-2128		4-2			DUPONT		
28		Gold Lettering Color							
29	9 GAL.	R.X. SURFACER #233-9278		"			"		
30		Locomotive Black							
31	4 GAL.	DUCO THINNER #3614		"			"		
32		Reducer							
33									
34		Locomotive Carmine							
35	5 GAL.	RED PRIMER #173		"			THRESHER		
36		Brushing Surfacer							
37	10 GAL.	IRON OXIDE PRIMER #7900		"			"		
38		Freight Car Brown							
39	40 GAL.	SYNTHETIC BLACK ENAMEL #2200		"			"		
40		Car Cement							
41	2 GAL.	CAB GREEN ENAMEL		"			"		
42		Car Cement Primer							
43	1 GAL.	HEAT RESISTING BLACK		"			"		
44		Front End Paint—Graphite							
45	1/4 GAL.	FIRE RED STRIPING ENAMEL #8566		"			"		
46		Japan Drier							
47	10 GAL.	RED LEAD PRIMER #30668 - THRESHER		"			STOCK		
48		Linseed Oil							
49	10 GAL.	SYNTHETIC REDUCER #30050 - "		"			"		
50		Turpentine							
51									
52		Aluminum Bronze							
53									
54		Lacquer							
55									
56		Heat Resisting Aluminum							
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION				Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 63 and 64—PIPE AND FITTINGS										
1		Flexible Joints or Hose—Between Engine and Tender										
2												
3		Train Line	Maker		Size	Card No.						
4												
5		Straight Air	Maker		Size	Card No.						
6												
7		Independent	Maker		Size	Card No.						
8												
ALCO NOTE 1 9 ✓	1 SET	Steam Heat	Maker BARCO 3-V TYPE		Size 2"	Card No. YOUR JRS-3602-C,		2-17 1-31		31-9		
OK 10 ✓		SHEET 2, LINE 91 - WITH AUTO. DRAIN & EX. HVY. STEEL PIPE										
11		Oil Line	Maker		Size	Card No.						
12												
13		Oil Heater	Maker		Size	Card No.						
14												
15		Sprinkler	Maker		Size	Card No.						
16												
17		Booster	Maker		Size	Card No.						
18												
19		Water Scoop	Maker		Size	Card No.						
20												
21		Injector Steam Line	Maker		Size	Card No.						
22												
23		Flexible Joint Connections										
24												
25		Reservoir	Maker		Size	Style						
26												
27		Reservoir	Maker		Size	Style						
28												
29		Reservoir	Maker		Size	Style						
30												
ALCO NOTE 1 31 ✓	1 SET	Stoker Steam	Maker BARCO 3-V TYPE		Size 1 1/4"	Style						
OK 32 ✓		YOUR DRG. JRS-3602-B, C SHEET 2, LINE 92 - WITH AUTO. DRAIN & EX. HVY. STEEL PIPE						1-31 2-17		31-11		
33		Stoker Exhaust	Maker		Size	Style						
34												
35		Air Pump Steam	Maker		Size	Style						
36												
37		Air Pump Exhaust	Maker		Size	Style						
38												
39		Power Reverse	Maker		Size	Style						
40												
41		Blow Off Cock Muffler—Maker			Size	Style						
42												
43		Blow Off Cock	Maker		Size	Style						
44												
45		Generator	Maker		Size	Style						
46												
47		Oil Tank Heater	Maker		Size	Style						
48												
49												
50												
51												
52												
53		Blower Elbow	Maker		Size	Style						
54												
55												
56		Special Pipe Fittings—Pipe Unions, Tees, Ells, Etc.										
57												
58												
59												
60	48	3/4" STD. LOCK WASHERS (FOR PIPE CLAMPS UNDER JACKET)					7-28			DO NOT ORDER IN FUTURE		
61												
62												
63												
64												
65												
66												

ORDER

Item	Amt. for One Engine	DESCRIPTION	O. D.	THICK	LENGTH	REMARKS	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 63 and 64—PIPE FITTINGS											
		COPPER TUBING											
1		Where Used											
2	5	Oil Pipe—~~Cylinder~~ L.H. LUB.	3/8"	14 BWG	36'-0"	ANNEALED		3-13			34-28		
3	10	" " "	3/8"	14 BWG	30'-0"	"		"			34-29		
4	3	" " - ~~Steam Chest~~ R.H. LUB.	3/8"	14 BWG	36'-0"	"		"			34-30		
5	3	" " - " "	3/8"	14 BWG	30'-0"	"		"			34-31		
6	1	" " - Air Pump LUB.	3/8"	16 BWG	18'-0"	"		6-9			34-24		✓
7		" " " "											
8		" " Guides											
9		" " "											
10		" " Engine Truck											
11		" " " "											
12		" " Trailer Truck											
13		" " " "											
14		" " Driving Boxes											
15 FOR 10 ENGS. ONLY	3	INJECTOR TELL TALE	1/2"	14 BWG	10'-0"	ANNEALED		5-16			34-20-21		✓
16		" " Shoe and Wedges											
17		" " " " "											
18	1	OIL PIPE- Stoker LUB. - TDR.	3/8"	14 BWG	16'-0"	ANNEALED		5-16			34-48		
19	1	Mechanical Lubricator Heater	3/8"	16 BWG	~~36~~ 82'-0"	ANNEALED		3-13 1-23			34-40-41-42		
20		" " Drain											
21		Hydrostatic Lubricator Steam											
22		Low Water Alarm											
23	1	BY-PASS VALVE	1"	12 BWG	4'-0"	ANNEALED		3-21			34-17		
24		Air Pump Steam											
25	2	Air ~~Brake~~ GAUGE & Governor	3/8"	16 BWG	30'-0"	ANNEALED		3-21			34-9		
26		Air Brake Independent Brake	1/8" I.P. SIZE SEE P. 52, L. 20										
27		Air Brake Equalizing Reservoir											
28		Air Brake Signal											
29		Air Brake Miscellaneous											
30		Fire Door Air Line											
31		Bell Ringer											
32		" " Short Ends											
33		Tyfon Air Whistle Line											
34	1	~~Back~~ STEAM CHEST Pressure Gauge Line	~~5/8~~ 1/2"	14 BWG	36'-0"	ANNEALED		1-31 1-23			34-54		
35	1	" " " "	~~5/8~~ 1/2"	14 BWG	6'-0"	"		1-31			34-55		
36	1	" " " "	3/8"	16 BWG	8'-0"	"		"			34-56		
37		Whistle Air Line											
38		Booster Oil Line											
39		" Air											
40	1	STEAM Gauge	3/8"	16 BWG	8'-0"	ANNEALED		1-23			34-60		
41	1	" HEAT GAUGE	3/8"	16 BWG	8'-0"	"		"			34-61		
42		Drains Miscellaneous											
43		Cylinder Cock Air Line											
44	1	WATER GAUGE " ~~Short Ends~~	5/8"	14 BWG	3'-0"	"		10-17			34-49		✓
45		Dynamo Steam											
46		Feed Pump Oil Line											
47		Flange Oiler Line											
48		F.W. Heater Drifting Control Line											
49		" " Gauge Line											
50 FOR 10 ENGS. ONLY	1	" " TO CHECK	2 1/4"	10 BWG	11'-0"	HARD		1-31			34-19		
51 FOR 10 ENGS. ONLY	1	F.W. Heater ~~Delivery~~	3/8"	16 BWG	~~14~~ 18'-0"	ANNEALED		4-21 1-6			34-18		
52		Gauges and Drips											
53 FOR 10 ENGS. ONLY	2	Injector Steam	2 1/4"	10 BWG	21'-0"	HARD		1-23			34-32		
54	1	" "	2 1/4"	10 BWG	21'-0"	HARD		1-23			34-33		
55 FOR 10 ENGS. ONLY	2	" Delivery	2 1/4"	10 BWG	18'-0"	HARD		1-31			34-34		
56	2	" Alr	2 1/4"	10 BWG	15'-0"	HARD		1-31			34-35		
57	2	" By Pass	2 1/4"	10 BWG	13'-0"	HARD					34-56		
58	1	Stoker Jets	5/8"	14 BWG	20'-0"	ANNEALED		1-23			34-46		
59		" Lubricator											
60	1	" Gauge	3/8"	16 BWG	20'-0"	ANNEALED		1-23			34-47		
61	1	LUBR. ATOMIZER	3/4"	13 BWG	36'-0"	"		"			34-57		
62	1	" " " "	3/4"	13 BWG	6'-0"	"		"			34-58		
63	1	" " " "	1/2"	14 BWG	36'-0"	"		"			34-59		
64 FOR 10 ENGS. ONLY	1	INJECTOR DELIVERY	2 1/4"	10 BWG	18'-0"	HARD		1-31			34-37		
65	1	Water " "	2 1/4"	10 BWG	15'-0"	"		"			34-38		
66	1	" "	2 1/4"	10 BWG	13'-0"	"		"			34-39		

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 63 and 64—PIPE FITTINGS							
1	1 SET	Bushings – AAR 300#							
2		2 – 1" × ½" 2 – 1½" × 1" 2 – 1¼" × 1" 2 – 1" × ¾"		9-17					
3		1 – 1" × ⅜" 4 – ¾" × ½" 4 – ¾" × ⅜" 2 – ½" × ⅜"		3-3			57/1		
4		2 – ½" × ¼" 8 – ⅜" × ¼"		9-17					
5				"					
6									
7									
8	4	1¼" × ⅜" PIPE BUSHING – INSIDE HEX. – GALV. (FOR VALVE GEAR)		3-19			31-59		
9	6	¾" × ⅜" " " – OUTSIDE HEX. – " (" " ")		"			31-60		
10	1	1¼" × ¾" – C. I. – HEX. (" STOKER)		5-29			30-42		
11									
12	1 SET	Couplings – AAR 300# – CRANE 279-E							
13									
14									
15									
16	X	¾" STD. (FOR TANK COCK)		4-14					
17	X	1" × ½"		4-8 6-16			43-46		
18	1 SET	COUPLINGS – SEAMLESS STEEL – EX. HVY. – THRDS. NOT RECESSED		5-29			30-45		
19		3 – ¾" } FOR 10 ENGS. ONLY 3 X – ⅜" 1 X – 2" 3 – 2½"	5-29	2-19 1-6					
20		1 – 1¼" } 1 – 1" 2 – ½" 2 – 1½" 1 – 2"	5-2 2-19	1-31 1-17 1-27 6-16 6-12			32/2 32/4 32/5 32/6 32/9 32/54		
21	1 SET	Cross Fittings – AAR 300# – CRANE 266-E					32/3 39/64 32/10-11-12		
22		1 – 1¼"							
23				5-29			30/41		
24									
25									
26									
27	1 SET	Caps – AAR 300# – CRANE 278-E							
28		2 – 1" 1 – 1½" 1 – ½" 2 – ¾"		5-29					
29	TOTAL	8 – 1" – NOT THREADED	9-17	2-19 8-18 7-28			30/37-38		
30							33/59		
31		1 – 1½" – M. I. – STD. WT. – FOR 10 ENGS. ONLY.		1-6			68/8		
32									
33									
34	1 SET	Elbows – 90° – AAR 300# – CRANE 260-E		9-17					
35		6 X – 2" 13 X – ¼" 3 X – 1½" 1 – 4" 15 X – ⅜" X X 13 X X X – ½"		5-20 4-17					
36		12 X – 1¼" 15 X – ¾" 2 – 2½" 13 X – 1"	5-29	3-20 3-19			32/16 32/17 32/20 32/24 32/25 TO 30-31-36 32/14 30/40-44		
37	1 SET	REDUCING ELBOWS – 90° – AAR 300# – CRANE 260-E	9-17 5-29 6-16 5-26	5-20 4-30			32/29 32/16 32/17 32/32 32/34.35 32/37-38 32/15 30/39		
38		1 – 2" × 1" 2 X – 1" × ¾" 1 – 1" × ½" 2 – 1¼" × 1"		2-19					
39		5 – ⅜" × ¼" 1 – ½" × ⅜" 1 – 2" × 1½"	5-20	1-17 5-26 4-17			32/21-22-23 32/25 32/13-33-39		
40	1 SET	ELBOWS – 45° – AAR 300# – CRANE 262-E 1 – 1" 1 – 2½"		9-17					
41		X – 1½" 1 – 2" FOR 10 ENGS. ONLY. 1 – ¼" 1 – ¾" 1 – ½"	9-17	3-3 1-6			32/19		
42	1 SET	Plugs – 300# – AAR SPEC. M-404.		2-10					
43		2 X – ½" 2 – ⅜" 2 – ¼"							
44	1	PLUG – BRASS – SOLID – SQUARE HEAD – SIZE 1" PIPE THREAD (CAB TURRET PIPE)	9-17	2-13 2-6				B	
45	2	¾" FLUSH PIPE PLUG – M. I. – FOR RAD. BAR LIFTER OIL CUPS		5-28 4-1					
46	42	½" PIPE PLUGS – C. I. – FOR REV. SCREW BRG. OIL CUP CAPS		3-5					
47	484	½" PIPE PLUG – C. I. – FOR VALVE MOTION OIL CUPS	4-11 3-19	"			31-62		
48	1 SET	¾" – C. I. – FOR LINK SUSPT. OIL CUP CAPS & VALVE MOTION OIL CUPS	3-19	3-5 1-27			31-64		
49		PLUGS – C. I. – SQ. HD.		1-6			31-63 31-61		
50		22 X – ½" 1 – 1¼" 1 – 1" 2 – 1½" C. I. SOLID SQ. HD. 1 – ¾" 4 – 2"		5-2 "			68/7 33/64		
51	1 SET	Return Bends – AAR 300# – CRANE 272-E	5-29 3-3	2-27 2-13			30/43 33/42 33/61 33/57 33/58 30/65		
52									
53									
54									
55									
56	2	RETURN BENDS – 1¼" × 2½" CTRS. × 180 DEG. – TUBE TURN PART NO. 9 OR		5-16					
57		EQUAL (FOR AIR BRAKE)		"			32-42		
58	1 SET	Reducers – AAR 300# – CRANE 267-E							
59		1 – ½" × ⅜" }							
60		2 – 1" × ¾" } FOR AIR BRAKE-ENG		1-17			68/29		
61		1 – ¾" × ½" }		"			68/30		
62		1 – 1¼" × 1" } AIR BRAKE PIPING ENG.		"			68/31		
63				7-17			31-65		
64									
65									
66									

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 63 and 64—PIPE FITTINGS							
1	1 SET	Street Ells - 90° - AAR 300# - CRANE 268-E							
2		~~12~~ - ~~½~~" 1 - ½" 2 - 3/8"	9-17	2-13 2-6			B		
3									
4	1 SET	STREET ELLS - 45° - AAR 300# - CRANE 262½-E							
5		1 - ¼"		9-17					
6									
7									
8									
9									
10									
11									
12									
13									
14									
15	1 SET	Tees - AAR 300# - CRANE 264-E							
16		43 - ½" ~~FOR 10 ENGS ONLY~~ 3 - 1" 2 - ¼" 1 - 1¼"	9-17 3-12	1-17 1-6			33/3 33/5-6-7		
17		5 - ¾" 6 - 3/8" 1 - ½" 1 - 2"	9-17	4-17 2-19			33/4-7	32/57-58-59	
18									
19	1 SET	REDUCING TEES - AAR 300# - CRANE 264-E							
20		1 - 1¼" x 1" x 1¼" - ~~FOR 10 ENGS. ONLY~~.		3-3 1-6					
21		2 - ~~¼~~" x ~~¼~~" x ~~⅜~~"		4-17 2-19				32/60	
22		8 - 3/8" x 3/8" x ¼"		"				32/61	
23		2 - 1¼" x 1¼" x ½"		"				32/62	
24		1 - 1¼" x 1¼" x 1½" 1 - ¾" x ½" x ¼"	9-17	"				32/63	
25		2 - ¾" x ¾" x ~~½~~" ⅜" 1 - 1" x 1" x ¼" 1 - ¾" x ⅜" x ⅜"	"	"				32/64	
26		1 - 1½" x 1¼" x 1" 3 - 1" x 1" x ¾" 1 - 1½" x 1" x 1"	"	"				33/9	
27	1 SET	Stud Unions - AAR 300# - CRANE 817½-E		9-17					
28		1 - 2" x 1¼"		"					
29		REDUCING							
30									
31									
32									
33									
34									
35									
36									
37									
38									
39	1 SET	Unions - AAR 300# - CORLEY C-37 - BRONZE SEAT	5-29 4-17	8-28 9-26			32/48-49-50		
40		14 - ½" 8 - ¾" 23 - 1¼" 22 - 2" 7 - 1¼" 16 - 3/8"	4-17 1-31	1-17 1-6			33/32 TO 35-45	33/48 TO 55	33/17
41		11 - 1" 5 - 1½"	9-17	2-20					30/15
42									
43									
44									
45									
46	1	RESERVOIR UNION - ~~2~~" x 1½" - M.I. - 300# - CRANE 817-E OR EQUAL		5-26 5-17			68-48		
47	2	" " - 2" x 1¼" - " - " - " " " "		"			68-49		
48									
49									
50									
51	1 SET	Union Ells - 90° - AAR 300# - CORLEY C-40	7-17 5-29 4-17	6-16 6-12 5-26			32/51-52-53		
52		18 - ¾ 11 - 1¼" 10 - 1½" 17 - 2" 21 - ½" 17 - 1"	4-1 5-3 9-17 2-19	1-17 1-6			33/36 TO 44 33/56 33/24 TO 29	33/21 33/16	33/63
53		14 - ¼" 11 - 3/8"	5-26	4-17 2-19			33/11 33/22-23		
54									
55	1 SET	UNION ELLS - 45° - AAR 300# - CORLEY C-52							
56		3 - 1½" 3 - 1¼" 2 - 2" 2 - 1" 3 - ¾"	9-17	5-2 3-3			33/20-18		
57		3 - ½" 2 - 3/8" 2 - ¼"	"						
58									
59									
60									
61									
62									
63									
64									
65									
66									

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 63 and 64—PIPE FITTINGS							
1	1 SET	Union Nipples - AAR 300# - CORLEY C-39							
2		1 ~~8~~ - 1¼" 1 - 2" 1 - 1½" 3 - 1" 3 - ¾"	9-17	4-17					
3		3 - ½" 6 - ⅜" 2 - ¼"	"				33-19		
4									
5									
6									
7									
8									
9									
10									
11									
12	1 SET	Union Nipple Ells -90°- AAR 300# - CORLEY C-41							
13		1 - 2" 2 - 1½" 2 - 1¼" 3 - 1" 4 - ¾"		9-17					
14		5 - ½" 5 - ⅜" 6 - ¼"		"					
15									
16	1 SET	UNION NIPPLE ELLS - 45° - AAR 300# - CORLEY C-53							
17		1 - 1¼" 1 - 1" 2 - ¾" 2 - ½" 2 - ⅜"		9-17					
18		2 - ¼"		"					
19									
20									
21	1 SET	Reducing Couplings → AAR 300# - CRANE 267-E							
22		3 - ⅜" x ¼" - FOR SANDER							
23				2-19				68-36	
24									
25									
26									
27									
28									
29									
30									
31	1 SET	Union Tee - AAR 300# - CORLEY C-42							
32		2 - ½" 1 - 2" 1 - 1½" 1 - 1¼" 1 - 1"	9-17	2-20				33/30	
33		1 - ¾" 3 - ½" 3 - ⅜" 1 - ¼"	"						
34									
35									
36									
37									
38	1	WELD-O-LET - STEEL - WITH THREADED OUTLET - 1½" x ⅜" -		5-26				68-50	
39		FOR A.P. EXH. PIPE DRAIN CONN.							
40	1	WELD-O-LET - STEEL - WITH THREADED OUTLET - 1¼" x ¾" -		8-14			B	30-66	
41		AIR PUMP LUB. TERM. CHECK.		"					
42	1	Y-Fittings - 1½" - M.I. - STD. WT. - BANDED (STOKER)		5-19				32-56	
43	1	THREAD-O-LET - STEEL - 2" x ¼" (FOR ST. HEAT GAUGE CONN.)		4-14				68-9	
44	1	" - " - 1¼" x ¼" (" STOKER " ")		4-14				68-10	
45	1	" - " - 1¼" x ½" (" ASH PAN)		4-17				68-43	
46	1	" - " - 2½" x 2" (" " ")		"				68-44	
47	1	" - " - 2" x ¾" (" COAL SPRINKLER)		5-12				68-46	
48	1	" - " - 2" x ½" (" ASH PAN LINE DRAIN)		"				68-47	
49									
50									
51									
52		~~Nipples~~							
53									
54	1 SET	THRED-O-LETS		1-6					
55		1 - 1¼" x ~~½"~~		3-3					
56		2 ~~1~~ - 1¼" x ¾"		"			68-2		
57		~~1~~ - ~~2~~" x ~~¼~~" } FOR 10 ENGS. ONLY		"			68-3		
58		~~5~~3 - 2" x ½"		"			68-4		
59		~~1~~ - ~~2~~" x ~~¾~~"		"			68-5		
60		1 - 1" x ⅜"		"			68-6		
61		1 - 1" x ¼"		1-17			68-19		
62		1 - 1" x ½"		"			-20		
63		1 - 1¼" x ½" FOR AIR BRAKE-ENG.		"			21		
64		1 - ¾" x ½"		"			22		
65		1 - ½" x ¼"		"			23	68-27	
66		1 - ½" x ½"		"			24	68-28	
67		1 - 1¼" x ⅜"		"			25		
							26		

1 - 1" x ¾" } FOR
1 - ¾" x ½" } AIR BRAKE-TDR.

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 63 and 64—PIPE AND FITTINGS							
4 CTR 1	1 SET	Steel Pipe—Ext. Heavy – AAR SPEC. ~~M-111-43~~ 42, BENDING QUALITY, LOW		1-24					
2		CARBON GRADE - ALL PIPES 1½" AND UNDER BUTTWELDED		1-6					
3		OR SEAMLESS – 2" AND OVER LAP WELDED OR SEAMLESS - ORDER 10% EXTRA		"			68-11		
4		¼"-53' ⅜"-~~240~~ 180' ½"-~~180~~ 135' ¾"-143' 1"-~~180~~ 225' 1¼"-327'	5-29	2-18					
5		1½"-~~24~~ 105' 2"-~~240~~ 225' 2½"-~~8~~ 4'	5-29	3-12 2-19			68 13-14-15-16 31 35-~~51~~ 68 34-35		✓
6		4"-17'	5-29	5-2 3-20			68 10-11-12-45 32 43-47		✓
7	1 SET	STEEL PIPE - STD. WT. - AAR SPEC. ~~EM-111-43~~ 42		1-27			SEE ALSO P. 64 L. 34		
8		2"-1' 5"-1' 3"-4'6"		2-4 1-6			" " P. 68, L. 26-27		
9				2-10 4"-1			31 40-41 43 17 " " P. 48, L. 64		
10		⅜"-2" LONG - ENG. TRK. BOX					68 37-38		✓
11		~~¾"-8"~~ " - TANK COCK		2-19 4-14			68-18		
12		¾"-9'6" LONG		4-8			43-47		✓
13		¾"-32'-0" " - FOR BLOWER ROD EXT. (OR W.I. - IF STEEL NOT AVAILABLE)		5-29			71-42		✓
14		See P. 51, L. 38		8-28					
15		Wrought Iron Pipe—Extra Heavy							
FOR 10 ENGS. ONLY 16	1	FIRE HOSE FITTING S-HOOK - ⅛" DIA. STEEL WIRE - 7" LONG		4-1			69-2		✓
17	2	" " " " " - " " " " - " "		"			69-4		✓
18	1	" " " CHAIN - ⅛" TWISTED LINK - 1'-0" "		"			69-3		✓
19	2	" " " " - " " " - 1'-0" "		"			69-5		✓
20	1	" " " COPPER GASKET - 2⅞" O.D. x 2" I.D. x 1/16" THK.		"			69-6		✓
21	2	" " " " " - " " x " " x " "		"			69-7		✓
ALCO NOTE 1 22	12	LUBR. OIL HOSE - 18" LONG - NATHAN DRG. 3691-K, LINE 218-B } FOR MECH. LUB. L.S.		3-17			30-52		
23	26	" " " - 21" " - " " 3691-K, " 221-B }		"			30-53		
24	6	" " " - 24" " - " " 3691-K, " 224-B }		"			30-54		
25									
26	2	RETURN BENDS - 1½" x 3" x 180 DEG. TUBE TURN - EXTRA STRONG -		3-3			32-41		
27		PART No. 10, OR EQUAL (FOR BRAKE - AIR DISCH.)		"					
28	1	TUBE-TURN - 4" - 90 DEG. ELBOW - PART No. 4 - EXTRA STRONG -		2-26			30-61		
29		SHORT RADIUS - (CAB TURRET DRY PIPE)		"					
ALCO NOTE 1 30	~~1~~	~~2"~~ 1½" I.D. ~~COTTON DUCK RUBBER LINED~~ LINEN FORESTRY TREATED FIRE HOSE - 50 FEET	3-21	3-10 3-3			51-58		
31		LONG - ~~WITH 12" PLAIN M.I. NOZZLE~~ WITH & SWIVEL WING NUT - NOT		3-21 "					
32		TO BE ~~THREADED 2" - 11 WHITWORTH THREADS~~ - HOSE TO HAVE 12" PLAIN IRON ALUMINUM PAINTED NOZZLE		3-21					
33		Hose Clamps							
34	5	⅜" DIA. PLOW BOLTS - 1½" LONG - EACH WITH 2 SQUARE NUTS (10% EX.)		6-6			71-58		✓
35		~~Hose Clamps~~ FOR TENDER ESCUTCHEON PLATES		"					✓
36	8	⅝" HEX NUTS - 11 THRD. WHITWORTH x ⅝" THICK - ORDER 10% EXTRA (FOR BRAKE PIPE CLAMPS)		4-30			70-6		✓
37									
38	1	COAL Sprinkler Hose (STEAM HOSE) ½" I.D. - 3 PLY - 6'-0" LONG - AAR SPEC. EM-605		1-20			43-28		
39		Ash Pan Sprinkler Hose							
40		Cooler Hose							
41	4	STEAM HEAT HOSE - 6-PLY STEAM HOSE WITH ENLARGED ENDS -		4-15			31 - 25-23		
42		TO DRG. 632-S-93110 - AAR SPEC. EM-605 (2 FRONT OF ENG. 2 REAR OF TDR.)		4-18					
43		Sander Hose							
44		Booster Sander Metallic Hose							
45									
46		Feed Water Suction Thawout Hose							
47									
FOR 10 ENGS. ONLY 48	1	2" BOILER TUBE - 6" LONG (FOR F.W.H.)		4-21			69-41		
49		Steam Heat Apparatus Complete for Engine and Tender							
50		Make							
51									
ALCO NOTE 1 OR 52	1	ST. HEAT PRESS. Reducing Valve—~~Inlet Size~~ 1½" x 2" ~~Outlet Size~~		1-13 12-11			VAPOR C.H.CO. 31-25		
53		~~Style~~ No. 235 - TO REDUCE TO 56 LBS. - BOILER PRESS. 227#		1-13					
54		YOUR DWG. 40042-K		2-26					
ALCO NOTE 1 OK 55	1	Steam Heat Gauge ~~Inch Dia.~~ Graduated to ~~Lbs.~~ ~~Case~~		1-13			VAPOR C. H. CO. 31-29		
56		No. 295, 4½" DIAL - TO BE MARKED "TRAIN HEAT" IN POLISH - OGRZEWANIE PAROWE		2-14 1-27					
57		GRADUATED IN KGS. PER SQ. CM. TO ~~30~~ 35 28 KGS. - DWG. 47-B-76		2-3 5-22					
58									
59		Cold Water Sprinkler SEE P. 40, L. 54							
60	2	ANNEALED COPPER WASHERS - ~~⅛" THK.~~ DWG. 252-S-50331 ~~x 30 MM. O.D. x 19 MM. I.D.~~ (10% EXT.)		8-21 8-19			14-44		
61		(FOR ST. HEAT ~~FITTINGS~~ DRAIN COCKS - ENG. & TDR.)		" "					
62		Wrought Pipe Clamps							
63									
ALCO NOTE 64	1	STEAM HEAT END VALVE ~~R.H.~~ - FRONT OF LOCO. - PER POLISH RY. DRG. 54406 - YOUR DWG. A-1313-A		3-10 3-19	2-28	3-10	31-17 MAGNUS		
65	1	" " " " ~~L.H.~~ - REAR OF TDR. - " " " " " - " "		3-10 3-19	"	"	31-19 "		
66									

L.H. ASSBLY. A-2077

R.H. ASSBLY. A-2076

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 65—PISTON AND ROD							
1		BETH. S. Co. DWG. WP-6656 (RECORD ONLY)							
4CTR 2	✓ 2	Piston ~~Head~~ FORGED ~~Rolled~~ Steel – AAR SPEC. M-126-45, CL. D, NORM. & TEMP. (ALCO Cd. No. 652-S-16890-~~X~~Y		5-9 2-13 2-6 1-16				35-3	✓
3		ROUGH BORED & ROUGH MACHINED – MFGR. TO SUBMIT TO ALCO FOR APPROVAL, EXCEPT TO BE ROUGH BORED 4½" I.D. DRAWING SHOWING ROUGH MACHINE SIZES		3-6 1-20					
ALCO NOTE 1 ✓ 4	2 ROD SETS	Piston Rod Packing Metallic ~~Make~~							
✓ 5		Rod Dia. 4½" ~~Stuffing Box~~ Cd. No.		1-26			P-M	35-18	
✓ 6		~~Oil Cup~~ ~~With~~—~~Without~~ Shank Dia. Thds.							
✓ 7		OMIT BOTH OIL AND SWAB CUPS							
✓ 8		RING METAL TO WITHSTAND 750° F. TEMP. – DWG. 652-S-60750 – P-M DRG. M-4690		" 2-28					
9		Bull Ring—H.S. Gun Iron Cd. No. Pat. No.							
10									
SUFF. FOR 20 ENGS. 11	7 TUBS	Packing Rings—H.S. Gun Iron " " HS-2506 (FOR FUTURE)		2-14			652-S-92622-Z	35-7	
12	2	PISTON ROD EXT. GUIDE BUSHING – BRONZE – PATT. L-65-S-2164 – FINISHED COMPLETE – EXCEPT FOR COPPER WIRE JOINT RING AND ½" DOWEL						56-55	✓
13		DRG: 652-S-70290 TO BE MADE OF SPECIAL MAGNUS BRONZE OF APPROX. THE FOLLOWING COMPOSITION:		5-9					
14		COPPER 88%, TIN 8.99%, ZINC 2%, NICKEL 1%, AND TO WITHSTAND 600° F. – 700° F. TEMP.							✓
15		Packing Springs							
✓ 16	1	STEEL TUBING – 5½" O.D. x #7 BWG ~~13/16~~" THICK x 4'-9" (FOR P.R. EXT. GUIDE)		3-27					
✓ 17	1	ANNEALED COPPER WIRE – ¼" DIA. x 4'-6" LONG (" " " " BUSH.)		3-13			MKS. 2	35-9	✓
18		Duplex Packing Rings—Hunt Spiller		"			" 2	35-10	
19	2	PISTON ROD EXT. GUIDE BUSHINGS – CD. 652-S-70280-Z – OF MEDIUM		4-17					
20		BRONZE TO AAR SPEC. M-503-42 – TO BE FURNISHED LINED AND ROUGH BORED 4 3/8" DIA. – LINING METAL TO WITHSTAND A ~~TEMP.~~ OF 600° F.		3-21	4-3			56-14	✓
21		Piston Head Rivets							
✓ 22	1	MARKER PLATE CASING – DWG. 662-S-91752							✓
23				4-1			YORK CORRUGATING CO.	35-36	
ALCO NOTE 1 ✓ 24	2 ROD SETS	PISTON ROD EXTENSION PACKING – METALLIC – 4½" DIA. ROD EXT. –							✓
✓ 25		OMIT BOTH OIL AND SWAB CUPS – RING METAL TO WITHSTAND		1-20			P-M	35-14	
26		750° F. TEMP. – PACKING TO BE SAME AS PISTON ROD PACKING EXCEPT GLAND TO BE OMITTED – DWG. 652-S-60750							
27		**GROUP 68—REVERSE LEVER**							
✓ 28	2	#14 SHAKEPROOF INTERNAL TOOTH LOCK WASHER – STEEL – FOR 5/8" BOLT – .062" THK. x 1⅛" O.D. – ORDER 10% EXTRA						63-58	✓
29		Reverse Gear							
30									
31									
32									
33		Reverse Lever							
34	~~X~~ 1	REV. SCREW HEX NUT – STEEL – ~~2¾~~" DIA. – 10 THRDS. – WHITWORTH – ~~2¾~~" THICK – HEAVY 3-13 SERIES – ORDER 10% EXTRA		4-11				35-65	✓
35	1	" " " " " – 1¼" DIA. – 7 " – " – 1¼" " – "		"	–	"	" "	35-66	
✓ 36	1	" " XHD. TRUN. NUT – " – SLOTTED – 1¼" DIA. – 7 WHITWORTH THDS. – 1⅛" THK. – "		"	–	"	" "	63-52	
✓ 37	2	REVERSE SCREW THRUST BEARING – M.R.C. #27-C SINGLE ACTING BALL		3-3					
✓ 38		THRUST BEARING, OR EQUAL – OR F-37 AETNA THRUST BEARING		1-15	2-12	3-3	MARLIN ROCKWELL CORP.,	35-57	
39		**GROUP 69—REVERSE SHAFT** AETNA F-37 – AHLBERG BEARING CO. 3025 W. 47th St., Chicago 32, ILL.		3-28 "	"	"	JAMESTOWN, N.Y., OR ERUN.		✓
40									
✓ 41	1	Reach Rod Pipe 2" Extra Heavy ~~Iron~~ STEEL – 15'-0" Long		4-23				58-43	✓
42									
43									
44									
45									
46									
47									
48									
49									
50									
51		**GROUP 71—RUNNING BOARD**							
52									
✓ 53	2	Running Board DECK Hinges – STANLEY 850 – BUTT HINGE – 4" x 4"							
54				2-21				37-8	
55		Running Board Skirting Hinges							
56									
57		Running Board Trap Door Hinges							
58									
✓ 59	4	LUMBER – YELLOW PINE – 1½" x 8" x 8'-0" – ROUGH SIZES (FOR DECK)		2-20					
✓ 60	11	" – " " " – 1½" x 8" x 4'-0" – " " (" ")		"				37-16	
61								37-17	
✓ 62	3	½" DIA. STEEL BUTTON HEAD BOLT – 1¼" LONG – ORDER 10% EXTRA		3-11			WILL USE CARRIAGE BOLTS	63-15	
63	4	½" " " " " " " – 2½" " – " " "		"				66-3	
64									
65									
66									

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 72—RODS							
	1									
	2		Rod Bushing — Hunt Spiller Gun Iron							
	3		Cd. No. Pat. No.							
	4		Rod Bushing — Hunt Spiller Gun Iron							
	5		Cd. No. Pat. No.							
	6		Rod Bushing — Hunt Spiller Gun Iron							
	7		Cd. No. Pat. No.							
	8		Rod Bushing — Hunt Spiller Gun Iron							
	9		Cd. No. Pat. No.							
	10									
	11									
	12	5	1" STEEL HEX. NUTS - CASE HARDENED - 3/4" THK. - 8 WHITWORTH		5-8					
	13		THRDS. - HEAVY SERIES (FOR MAIN ROD WEDGE BOLTS)		"					✓
	14		Knuckle Pin Fibre Washers — Cd. No.							✓
	15									
	16		Knuckle Pin Plugs							
	17									
	18		Main Rod Keeper Lock Washers							
	19		Side " " " "							
	20									
✓	21	1	MAIN ROD F. STUB OIL CUP WIRE - 1/8" DIA. x 1'-0" LONG - HARD		3-19			MKS. 4	29-6	
✓	22		TEMPER BRASS							
	23									
	24									
	25		**GROUP 73—SAND BOX**							
	26		TO INCLUDE 8 SAND TRAPS							
ALCO	27	1 SET	~~Air~~ Sanders — SURE-FLO AC-4 - PIPED TO APPLY SAND FRONT OF 1ST, 3RD, &	12-11	12-26 12-11			AJAX - CONS. CO.	38-27	
NOTE 1	28		4TH DRIVERS AND BACK OF 3RD DRIVER - YOUR DWG. 214-A	"	2-13 " "					
	29									
	30									
ALCO	31	1	SANDER OPERATING VALVE - KING #Z9-8 - YOUR DWG. SV-362-A EXCEPT ~~AIR~~ INLET		3-5			U.S.M.P. CO.	38-33	
NOTE	32		~~TAPPED FOR 3/8" PIPE, FRONT OUTLET 3/8" PIPE AND BACK OUTLET 1/4" PIPE~~		12-26 "					
OK	33		Sand Pipe Hose							
	34	4	SAND BOX COVER HINGES - 6" EX. HVY. - ~~XEE~~ STRAP - BLANK - STANLEY 908, OR EQUIV.	2-21	2-13 12-26			38-38		
	35	2	" " " "S" HOOKS - 1/4" STD. STEEL		3-5				38-35	
	36	1	" " " CHAIN - 2/0 TENSO - 12" LONG		"				38-37	
	37									
	38									
	39									
	40									
	41									
	42		**GROUP 75—SMOKE BOX**							
	43									
	44		Smoke Box Front Hinges — Okadee							
	45									
	46									
	47									
	48									
	49		Smoke Stack Gasket							
	50									
	51	1	Smoke Box Cover Plate Gasket - WIRE INSERTED ASBESTOS - DWG. 742-S-80440		4-30			J.M, UNARCO, OR GARLOCK		✓
	52									
	53		Smoke Box Front Gasket Tape NONE							
✓	54	X	" " DOOR " " - 1/8" x 3/4" x 17'-0" LONG - ~~ONE SIDE GRAPHITE~~		1-27 1-23			UNARCO, J-M, OR GARLOCK 27-51		
	55		McKim Copper Gaskets							
	56									
	57									
✓	58	1 SET	S.B. NETTING - 2 1/2 x 2 1/2 MESH - #11 BWG STEEL WIRE - 4'-6" WIDE x		12-23			39-32		
✓	59		7'-~~6~~ 2" LONG - ORDER IN MULTIPLE		1-27					
	60									
	61									
	62	9	1/2" CTSK. HEAD BOLT - 1" LONG - U.S. THD. - WITH 1 HEX. NUT EACH -		5-2			39-60		✓
	63		ORDER 10 % EXTRA (FOR DIAPHRAGM PLATE)		"					✓
	64									
	65									
	66									

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 76—SPRINGS							
1		~~Buffer~~ NOTE E: ELLIPTIC AND SEMI-ELLIPTIC SPRINGS —							
2		PLAIN CARBON STEEL — AAR SPEC. M-113-42 —							
3		~~Cab Seat~~ RELEASE METHOD - BANDS TO BE MADE OF							
4		DEAD SOFT O.H. STEEL. FURNISH 4 C.T.R.							
5		~~Cab Side Door Sash Spring~~							
6		NOTE C: COIL SPRINGS (LOAD							
7		~~Cab Vestibule Partition Window Spring~~ TESTED SPRINGS ONLY) - AAR SPEC.							
8		M-114-42 - PLAIN CARBON STEEL.							
9		~~Draft~~ FURNISH 4 C.T.R.							
10									
11	6	Driving—~~E~~ SEMI-ELL. - DWG. 762-S-16970, WITH C.S. CLIPS TO DWG. 762-S-93100-~~X~~		10-27 9-19-14					✓
12	6	" -~~X~~ " " - " 762-S-16960, " " " " " "		1-15			40-12-13		✓
13		SPRING SPEC. AS PER NOTE "E" ABOVE - C.S. CLIPS TO AAR SPEC. M-201, GR. B		-~~X~~X 9-10 "			40-14-15		✓
14		" I							
15		" B							
16		"							
17									
18	2	Engine Truck - DOUBLE COIL - DWG. 762-S-41660 - NOTE "C" ABOVE		1-15			40-18		
19									
20		Tender Vestibule							
21		" "							
22									
23		Trailer Truck—Front							
24									
25		Trailer Truck—Back							
26									
27		Trailer Truck Centering							
28									
29	4	Tender Truck - DOUBLE ELL. - DWG. 762-S-51270-Z - OMIT SPRING ENDS - NOTE E ABOVE		2-24 1-23					
30	16	" " ~~Ell~~ - DOUBLE COIL - " 762-S-51280 — NOTE "C" ABOVE		"			762-A-406	40-21	UNION
ALCO 31	8	" " SPRING END BLOCK - YOUR DWG. R-4346-B		"			762-A-407	40-22	UNION
ALCO 32	8	" " " PLATE, — " " R-4966-C		"			SYM. - GOULD CORP.	40-38	
33		Waist Bearer		"			" " "	40-39	
34									
35									
36		Test Gauge Cock Spring							
37									
38		Whistle Spring							
39									
40		Whistle Rod Spring							
41		" Air Valve Spring							
42	8	Lateral ~~Motion~~ CUSH. Device Springs - COIL - DWG. 762-S-92186 — NOTE "C" ABOVE		1-31					
43		TO BE TESTED & TAGGED WITH HEIGHT TO NEAREST 1/32" WITH LOAD GIVEN					40-8		
44		Booster King Pin Spring							
45	1	REVERSE SPRING - DWG. 762-A-6030							
46		Reverse Shaft Bearing Springs		1-20			40-20		
47	1	REV. GEAR SCREW CATCH SPRING - COIL - DWG. 762-S-92396							
48		Reverse Shaft Counterbalance Springs		1-20			40-27		
49									
50	1	Throttle Lever Latch Spring - COIL - DWG. 762-S-~~91732~~ 93112		3-5					
51		" " Handle Latch Spring		2-20	2-24	3-5	40-28		
52		Rod Grease Plug Springs							
53									
54		Main Crank Pin Spring							
55									
56		Air Pump Drain Valve Spring							
57	2	ASH PAN CONN. ROD SPRING - COIL - DRG. 762-S-9018		3-20			40-25		
58		Trailer Truck Box Oil Cup Spring							
59	2	MAIN ROD OIL CUP SPRING - COIL - DWG. 762-S-93110-Z		4-1 2-20					
60	10	SIDE " " " " - " - " 762-S-93110-Z		" "			40-29		
61	6	KNUCKLE PIN " " " - " - " 762-S-93111-Z		" "			40-30		
62	2	ECC. ROD " " " - " - " 762-S-93111-Z		" "			40-34		
63	2	LINK TOP " " " - " - " 762-S-93111-Z		4-7			40-35		
64	2	XHEAD W.P. " " " - " - " 762-S-93111-Z		4-21			40-19		
SUPP. FOR 2 ENGS 65	1	SEAMLESS STEEL TUBING - SPEC. NE-8630 - 3" I.D. x 3 5/8" O.D. x		3-6			40-17		
66		9'-0" LONG (FOR EQ. WEAR PLATES OVER BOXES)					41-16		

SPECIALTIES AND MISCELLANEOUS

ORDER _____

	Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 78—STEAM GAUGE, SAFETY VALVE AND TURRET							
ALCO NOTE OK	1 2 3	1	Steam Gauge Maker ASHTON 52-LBC-I-3 6¾" Inch Dial; Graduated ~~to~~ IN KG/SQ. CM. TO 25 KGS. ~~35 Lbs.~~ Case - DIAL TO BE MARKED "KOCIOL" (BOILER) "BOILER" IN POLISH - YOUR DWG. 1153-D; WITH ELEC. LIGHT ATTACHMENT AND EXTRA RED HAND INDICATING WORKING PRESS. (16 KG. PER SQ. CM.) - GAUGE TO YOUR DWG. 618-C		12-11 (2-14 1-27 2-3)			42-21 BRASS CASE & RING FURN.		
	4		Steam Heat Gauge SEE P. 60 L. 55 Maker							
	5		Graduated to Lbs. Case Inch Dial							
	6									
	7		Stoker Gauge Maker							
	8		Graduated to Lbs. Case Inch Dial							
	9									
	10		Booster Gauge Maker							
	11		Graduated to Lbs. Case Inch Dial							
	12									
	13		Air Gauge Maker							
	14		Graduated to Lbs. Case Inch Dial							
	15									
ALCO NOTE OK	16 17 18	1	STEAM CHEST ~~Back Pressure~~ AIRE Gauge Maker ASHTON 52-LBC-I-3 6¾" Inch Dial; Graduated ~~to~~ IN KG/SQ. CM. TO 25 KGS. ~~35 Lbs.~~ Case - DIAL TO BE MARKED "SKRZYNIA SUWAKOWA" (STEAM CHEST) ~~"STEAM RIRE"~~ IN POLISH - YOUR DWG. 1152-D; WITH ELECTRIC LIGHT - TO INCLUDE RETARDING DEVICE - WORKING PRESSURE 227# (16 KGS.) - GAUGE TO YOUR DWG. 618-C		12-11 (1-27 2-3 1-27 2-14)			42-26		
	19		F.W. Heater Gauge Maker							
	20		Graduated to Lbs. Case Inch Dial							
	21									
	22									
	23									
ALCO NOTE	24 25	1	Safety Valve—Maker COALE Size 4" Style MUFF. Set at 227 Lbs.	12-10	1-24 12-10				42-15	
ALCO NOTE OK	26 27 28	1	Safety Valve—Maker COALE Size 4" Style OPEN Set at 230 Lbs.; BOTTOM OF VALVES TAPPED 4" PIPE TAP - COALE DRG. 539-D	"	1-24 " 1-27 1-24				42-16	
	29									
	30		Safety Valve—Maker Size Style Set at Lbs.							
	31									
	32		No. and Size of Bushing Threads							
	33		Bushing With or Without—Cd. No.							
	34 35 36	1	CAB TURRET DRY PIPE - 4" EX. HVY. STEEL PIPE - 17'-0" LONG - NO THDS. SPEC. AS PER P. 60, L. 1 TO 3. TUBE TURN - SEE P. 60, L. 28		1-23				68-17	
	37									
	38									
	39		Steam Turret Casing Hinges							
	40		" " " Hasps							
	41	1	" " GASKET - COPPER - ⅛" DIA. X 1'-6" LONG		1-31				41-58	
	42 43	1	Steam Turret ~~Pipe Expansion Joint~~ VALVE Packing - 3/16" SQUARE X 2'-0" LONG; J-M STYLE C-6 OR EQUAL		1-31 "				41-57	
	44	1	STEAM TURRET HANDLE - 8" BAR TYPE - MALL. IRON - YOUR DWG. M-1036		2-3			NATHAN	42-4	
	45									
	46		Low Water Alarm							
	47 48	32	ST. PIPE CASING CLAMP RIVETS - STEEL - 3/16" DIA. - FLAT HEAD - TINNED - 3/8" LONG (ORDER 10% EXTRA)		5-7 "				42-36	
	49									
	50		**GROUP 80—STOKER**							
	51									
ALCO NOTE	52 53 54 55 56 57	1 SET	Stoker - TYPE H.T. - COMPLETE - ENGINE ON TENDER - GAUGES "ASHTON" CALIBRATED IN KG./SQ.CM. - ALL INSTRUCTION PLATES AND MARKINGS TO BE IN POLISH - VALVES AAR STD. 300# - STOKER ENGINE OPERATED BY SATURATED STEAM - STOKER JETS OPERATED BY ~~SUPERHEATED~~ SATURATED STEAM - STOKER ENGINE TO BE EQUIPPED FOR USE OF NATHAN MECH. LUB.		12-30 " " 1-7 1-27 "			S. S. Co. 23-2		
	58		ARRGT. DWG. AA-4027-~~A~~B C	3-19	3-5 2-18					
	59									
	60									
	61									
	62									
	63									
	64									
	65									
	66									

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 81—SUPERHEATER							
ALCO 1	1 SET	Superheater - TYPE A - 45 UNITS - 1 3/8" O.D. #11 BWG MIN. PIPES	12-10	12-10			42-55		
NOTE 1 2		AND UNIT PIPE JOINT 2-L-11962 - BALL END 2-L-13657 -							
3		9 ROWS WIDE - 5 ROWS DEEP - COMPLETE INFORMATION							
4		ADVANCED BY ALCO							
5		SPEC. LO-139929 - ARRGT. DRG. 4-L-4252 8 -		2-6					
6		SUPERHEATER UNITS DRG. 3-L-1718H		1-13					
7				"					
8									
9		Asbestos Rope Packing							
FOR 2 ENGS. ONLY - ALCO NOTE 1 10	1	PYROMETER - MODEL 496 - WITH 47 FT. OF CABLE - TO YOUR							
11		DRG. 4L-3549-A - GRADUATED IN CENTIGRADE - TO DRG. 3312 7 - BUT WITH POLISH INSCRIPTIONS TO DRG. 2-L-30484 -		2-7			SUPERHEATER CO. 42-38		
12		FOR 2 ENGS. ONLY - NOS. 1 & 11					FIXTURE 1/4" PIPE TAP -		
13	4	HEADER SUPT. WASHERS - STEEL - FOR 7/8" DIA. STUDS - NARROW GAUGE -							
14		2" O.D. x 15/16" I.D. x 5/32" THK.		1-23			42-62		
15		**GROUP 82—TANK VALVES**		"					
16									
4 CTR 17	2	Hose, Suction - AAR SPEC. M-606 - 3 1/2" I.D. 4 Ply 4 Feet 6 Inches							
18		OUTSIDE CORRUGATED WIRE INTERWOVEN, SMOOTH BORE - ENDS SMOOTH FOR 3 1/2"		1-8			43-23		
19		" " " " " "							
20									
21									
22	4	Hose Clamps - CLANCY - FOR ITEM 17							
23		" "		1-8			43-32		
24		" "							
25									
26	2	Tank Valves - 3" DIA. - GATE TYPE - FLANGED - CRANE 461 OR EQUAL -							
27		FLANGES FACED AND DRILLED		1-8			43-41		
28		Gate Valves							
29									
30	2	Strainer PLATES - PERFORATED - DWG. 822-S-3880 1/8" THK. x 9" DIA. - STEEL - AAR SPEC. M-117,		3-13					
31	2	" " - PERFORATED - DWG. 822-S-3881 1/8" THK. x 11 1/8 x 24 3/4" - COMM. GRADE		2-10			43-38		
32		PERFORATED WITH 1/8" DIA. HOLES ON 1/4" CENTERS		" "			43-39		
33		Syphon		" "					
34									
35		Truck Box Cooler Hose							
36									
37	6	Tank Valve Gaskets - GARLOCK 219 - 7 1/2" O.D. x 3 1/2" I.D. x 1/8" THK.							
38		" " "		2-10			43-19		
39	2	GASKETS - TDR. HOSE THIMBLE - ENG. - 4 1/4" O.D. x 3 9/16" I.D. x 1/8" THK. - GARLOCK 219		2-13			43-13		
40		Oil Tank Valve Spring							
41									
42									
43	2	3" TUBE TURNS - STEEL - 90 DEG. - WELDING ELBOW - LONG RADIUS -							
44		STD. WGT. - MFGRS. PART #1		2-10			43-16		
45				"					
46		**GROUP 84—TENDER BRAKE**							
47									
ALCO NOTE 1 48	4	Brake Beams (2 R. & 2 L.) - YOUR BEAM DRG. 13092-A AND		4-1					
OK 49				1-15			C.R.F.Co. 44-54		
50		Brake Beam Heads TO DRG. 13097 60" HEAD Centers		4-1					
51		Inside ~~Outside~~ Hung From Rail to Center of Shoe About 16 Inches							
52		UNDER 24000 LB. LOAD PREFERABLY NOT OVER 1/16" (MAX. .07") - WHEN LOADED TO 36000 LBS. & RELEASED TO 500 LBS. THE							
53		BEAM MUST NOT SHOW A SET GREATER THAN 0.01" - BRAKE HEADS SUITABLE FOR SHOE SHOWN ON A 39 3/8" DIA. WHEEL - DEFLECTION AT CENTER							
ALCO NOTE 1 54	8	BRAKE SHOES - CAST IRON - STEEL REINFORCED - YOUR DWG. 17377-A B DWG. 842-S-5720	3-19	2-28			A.B.S. Co's DRG. 17377-B DWG. 842-S-5720.		
ALCO NOTE 1 55	8	Brake Shoe Keys Cd. 842-S-5730 YOUR DWG. 27562		1-15			A.B.S.Co. 44-60		
56	1	Chain, Hand Brake - 1/2" DIA. STEEL PROOF COIL CHAIN - 10'-0" LONG		3-27 1-15			W.A.B.Co. 44-63		
57		Safety Chain		5-5 5-2			45-2		
58		Spring Steel							
59		Third Point Support							
ALCO NOTE 1 60	8	BRAKE BEAM HANGERS - TO YOUR DRG. 1005 - A ~~EXCEPT~~ "A" DIMENSION 14 1/4"		4-7 2-28			SCHAEFER FDT. CO. 45-7		
61									
62		Clasp Brake							
ALCO NOTE 1 63	1 SET	TENDER HAND BRAKE - YOUR DWG. 14087-N		1-15			AJAX HAND BR. CO. 44-52		
OK 64		Body Brake							
65									
66									

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Ck.	Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 85—TENDER FRAME							
ALCO NOTE 1 ✓	1	1 ✓	TENDER Frame—Cast Steel — YOUR DWG. 54648-B OR LATEST REVISION TO SUIT GENERAL CONDITIONS SHOWN ON ALCO SKETCH ~~DATED~~ JAN. 9, 1947		4-1 12-11 1-13			G.S.C. CORP. 46-20		
	2									
	3									
	4									
	5									
	6		Bumper—Front							
	7									
	8									
	9		Bumper—Back							
	10									
	11									
✓	12	17	Flooring — OAK, ASH, YELLOW PINE, OR MAPLE — 2" x 10" x 9'-0" — ROUGH FIN. SIZES ONLY FOR FUTURE	2-26	2-20 1-13			46-16		
✓	13	4	" — " " " " 2" x 2" x 14'-0" — " "		" "			46-17		
	14		" x x							
	15		" x x							
	16		" x x							
	17		" x x							
	18		Center Bearing							
	19									
	20									
	21		Side Bearing							
	22									
	23									
	24		Center Pin Liners							
	25									
	26									
	27									
	28									
	29									
	30		**GROUP 86—TENDER—DRAWGEAR**							
	31									
	32		Coupler							
	33									
	34									
	35		Coupler Pocket							
ALCO NOTE 1	36	1 SET	TDR. DRAFT GEAR - TYPE V-12-S (MINER CLASS A-120-P) - TO C&W (MINER) DRG. E-1824-B (19420/A) - GEAR COMPLETE WITH FOLLOWER - EXCEPT INTERNAL PARTS OF GEAR SUITABLE FOR 2½" DIA. PULL ROD — TO FOLLOWING SPECIFICATIONS: CAPACITY 6000-9000 FOOT POUNDS,		2-17 1-29 1-9 1-13			W. H. MINER, INC. CARDWELL-~~WESTX~~ OR ~~W.H.MINER~~ MFG. 47-19		
	37		INITIAL LOAD 8000 LBS., ULTIMATE LOAD 120,000-175,000 LBS.,							
	38		STROKE ~~2¼~~ 2½"		1-29					
	39									
	40		Coupler Yoke							
ALCO NOTE 1	41	2	TENDER ~~UNIVERSAL~~ FRICTION BUFFERS - TYPE B-22-P - (1 WITH FLAT FACE HEAD -		1-29 1-8			W. H. MINER, INC. CARDWELL-~~WESTINGHOUSE~~		
	42		1 WITH CONVEX ~~HEAD~~ FACE) - TO ~~C&W~~ MINER DWG. ~~E-1804-D~~ 19376-B - BUFFERS TO EXCEPT		1-29 1-23			OR ~~W.H.MINER, INC.~~		
	43		FOLLOWING SPECIFICATIONS: ~~TO HAVE~~ CAPACITY ~~OF~~ 4500-6100 FOOT POUNDS - INITIAL		1-29			47-23		
	44		LOAD 4000 LBS. - ULTIMATE LOAD 60000-90000 LBS. -		"					
	45		STROKE 3" - TO WITHSTAND A LOAD OF 100,000# WHEN SOLID		3-14 "					
	46		**GROUP 87—TENDER DECK AND TOOL BOX**							
	47	4	Tool Box Hinges - 6" HEAVY STRAP - STEEL - BLANK - STANLEY 902		3-6			47-60		
	48	2	" " " - 6" EX. HVY. TEE - " - " - " 908		"			47-61		
	49	3	Tool Box Hasps - 6" ——— - " - " - " 912		"			47-63		✓
	50	1	CHAIN - STEEL - 3/16" DIA. STRAIGHT LINK - 36" LONG (FOR TOOL BOX PIN)		10-21					
	51		Marker Lamp Box Hinges							
	52									
	53		Water Jug Box Hinges							
	54									
	55		Water Cooler Drain Cock							
	56		" " Cock							
	57		" " Strap Hinges							
	58		" " Hasp							
	59		" " Chain							
	60		" " Screen							
	61									
	62		Lantern Hooks							
	63									
	64									
	65									
	66									

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 88—TENDER TANK							
1		Hinges—Coal Gate							
2		" Tank Filling Hole							
3		" " Funnel							
4		" Coal Board Tool Closet							
5		" " " " "							
6		" Tool Closet							
7		"							
8	2	" - STOKER DOOR - STEEL - 4" BUTT - STANLEY 850 - BLANK		3-6			49-4		
9									
10		Hasps—Tank Filling Hole							
11		" Coal Board Tool Closet							
ALCO NOTE 1 12	1	TDR. TANK DRAIN PLUG T-Z - 3½" (DAYLIGHT OPENING) - YOUR DRG. 574-B AND BUSHING - RARKS SR-34-R AND S-34 +		3-14			T-Z HURON MFG. CO.		
OK 13		~~YOUR DRG. 1500~~		3-12				35-35	
14		Drain Pipe NONE							
15	1	HAND BRAKE CASING PIPE - 3" EX. HVY. ~~STD.~~ WT STEEL - Feet 3 " Inches 2 "		4-14					
16				4-9			K		L
17		Pipe Flange Inch Dia. of Flange Bolts Dia. on Circle							
18		" " " " " " " " " "							
19		" " " " " " " " " "							
20									
21		Coal Pusher							
22	525#	~~BUTTON~~ CONE HEAD STEEL RIVETS - ½" DIA. x 1¾" LONG - AAR SPEC. M-110 FOR WATER TANK	2-4	1-21					
23	400#	" " " " " - ½" " x 1⅞" " " " " "		1-13			66-34		
24	10#	" " " " " - ½" " x 2" " " " " "					35		
25	9#	~~Tank Rivets~~ " " " " - ½" " x 2¼" " " " " "					36		
26	4#	" " " " " - ½" " x 2⅜" " " " " "					37		
27		Coal Gate Planks					38		
28		" " "							
29	15#	5/8" DIA. ~~BUTTON~~ CONE HEAD STEEL RIVETS - 2¼" LONG		4-7					
30	16#	5/8" " " " " " - 2⅜" "		"			48-5		L
31		Drain Pipe Gasket					48-6		L
32		" " "							
SUFF. FOR 20 ENGS. 33	1	GARLOCK #36 FLAX PACKING - ⅜" SQUARE x 15'-0" LONG (FOR W. LEV. IND.)		4-23			48-3		L
34		Train Control Pipe Gaskets							
35	X	~~5/8~~" SIZE GARLOCK ~~#38~~ COIL PACKING - ~~6" LONG~~		5-2 4-1			66-49		L
36		Oil Tank Funnel Screen							
37		" " Heater Body							
38		" " " Tubes							
39		" " " Netting							
40	X	~~FIRE HOOK TUBE - STEEL - 5½" O.D. x #10 MIN. BWG x 14'-0" LONG~~		1-27 1-16					
41	1	CHAIN - STEEL - ⅛" DIA. STRAIGHT LINK - 15" LONG (FOR FIRE TOOL BRKT. PIN)		10-21			49-25		✓
42		**GROUP 89—TENDER TRUCK**							
43									
44		Trucks Complete							
45									
46									
47									
ALCO NOTE 4 CTR 48	4	Truck Side Frames - CAST STEEL - AAR SPEC. M-201, GR. B - ~~TO SUIT CONDITIONS SHOWN ON~~	3-13	3-3					
49		DRG. ~~893-S-3730~~ - YOUR DWG. 69359-1-~~A~~B OR LATEST REVISION	3-14	3-6 1-9			AMER. S. FDRY. 893-A-58	50-12	
50				"					
ALCO NOTE 4 CTR 51	2	Truck Bolster - C. S. - AAR SPEC. M-201, GR. B - EACH COMPLETE WITH ONE C. S. FULCRUM		3-3					
52		BRACKET - ~~TO SUIT CONDITIONS SHOWN ON 892-S-4990~~ - TO YOUR DWG. D-6893-~~A~~B (RELEASE)		1-9			BUCKEYE 892-A-240	50-14	1-31
53			3-19	3-13 "					
54	1	Safety Chain - 1" DIA. - STRAIGHT LINK - 10'-0" LONG - STEEL - DWG. D-6893-A							
55		PROOF COIL CHAIN		3-20				50-20	
56		Nut Locks Kind		3-27					L
57		" " "							
58									
ALCO NOTE 1 6K 59	4	Side Bearings - COMPLETE WITH WEAR PLATES - TO STUCKI DRG. 656-~~A~~D		4-3 1-9					
60								50-17	L Na
61		**GROUP 90—WATER SCOOP**							
62									
63									
64									
65									
66									

SPECIALTIES AND MISCELLANEOUS

ORDER

Ck.	Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 91—THROTTLE AND DRY PIPE							
	1		Brass Tube—Hard Brazing Quality O.D. I.D. Long (Throttle Rod)							
	2									
	3		Copper Ferrules (Seamless Annealed) O.D. I.D. Long (Dry Pipe)							
	4									
	5		Copper Rivets (Annealed) Dia. Long Head (Dry Pipe)							
	6									
	7									
4 CTR	8	1	Dry Pipe ~~Material~~ – 8" STD. PIPE – ~~OD~~ .277" OR .322" ~~Thick~~ WALL – 10'-6" Long	2-3	1-2			51-22		
	9		EAR WELDED AAR M-117-42 = DRY PIPE OUTSIDE DIA. TOLERANCES ~~SEAMLESS STEEL – ASTM SPEC. A-106-45-T, GRADE A~~ ½" OVER OR UNDER		1-8					
	10		SEAMLESS STEEL – ASTM SPEC. A-106-45-T, GRADE A		1-2 1-15			51-23		
	11		Throttle Rod Packing—Maker		2-3					
	12		Rod Dia. Stuffing Box Cd.							
	13									
	14		Throttle Stuffing Box Packing—Maker See P. 51, L. 37							
	15		Rod Dia. Stuffing Box Cd.							
	16									
	17	6	~~DRY PIPE CLAMP BOLT WASHERS – STEEL – 1 5/16" I.D. x 2½" O.D. x ⅛" THK.~~		5-13			See L. 32	B	
	18		Throttle Valve		1-27					
	19									
	20									
ALCO	21	1 SET	Throttle – MULTIPLE FRONT END – R.H. OPERATION –	12-10	12-10			AMER. THR. CO.		
NOTE 1	22		HEADER DWG. 5L-17191 ~~SIMILAR TO 5L-13349~~ ~~4-7-85~~ 45 UNIT – TYPE A – COMPLETE WITH THROTTLE	2-3	1-20 1-16			42-50		
	23		VALVES TO DRG. 5-L-14473-A – FLANGES DRILLED – READY TO APPLY –		"					
	24		SPEC. SO-139930 – HEADER ASSEMBLY DRG. 4L-17190		2-3 1-20					
	25									
	26	1	Throttle Rod – F. – 1" EX. STRONG STEEL PIPE – 15'-0" LONG } SPEC. AS PER P. 60, L. 1 TO 3		1-23			31-53		
	27	1	" " – B. – 1" " " " " – 13'-0" " }		"			31-55		
	28		" " Crosshead							
	29	1	" LEVER SAFETY CHAIN – 18" LONG – TENSO #1 STEEL CHAIN, OR EQUIV.		9-23					
	30	2	HEX. SLOTTED NUTS – ¾" – 1" THICK – FACED – COLD PUNCHED STEEL – 10 THRDS. – WHITWORTH – (FOR THR. RIGG. PINS)		2-27 2-26			51-26 51-20		
	31		Throttle Air Joint Packing – SEE P. 51, L. 37		1-24					
	32	6	THROTTLE CLAMP BOLT WASHERS – STEEL – 1¼" BOLT SIZE – 1 5/16" I.D.		5-7			See L. 17	51-11	
	33		⅛" THK. – 2½" O.D. ~~STD. NARROW GAUGE~~ (10% EXT.)		5-19					
SUFF. FOR 2 ENGS	34	4 FT.	THR. W.O. PLUG COPPER WIRE – ⅛" DIA. ANNEALED COPPER		1-23			39-37		
SUFF. FOR 2 ENG.	35	40 FT.	" " " CHAIN – FIRE DOOR CHAIN #1 – NIAGARA OR EQUIV.		"			39-38		
	36	~~2~~	" " " ~~"S" HOOK~~ – DWG. 742-S-5602 – OR EQUIV. – TRADE "S" HOOK		1-28 "			39-39		
	37	~~2~~	" " " ~~"S"~~ " – " 742-S-5603 – " " – " " "		1-28 "			39-40		
	38									
	39		**GROUP 92—TOOLS**							
	40		SEE ALSO P. 70, L. 58 TO 65							
	41		Tool Equipment C.D.—							
	42	~~2~~	FLAGS – R.R. SIGNAL RED – 18" x 18" – WITH ¼" DIA. x 30" STAFF		2-27 1-17			52-16		
	43	5 ~~#3~~	PADLOCKS – SIZE 1½" – WITH 2 KEYS EACH		1-31 "			52-25		
	44		Grease Gun							
	45	1	PINCH BAR – DWG. 932-S-50200		1-22			ALCO OR OTHER 52-13		
	46	2	TORCH WITH WICK – DWG. 932-S-30810		1-20			52-34		
	47	1	COLD CHISEL – ¾" OCTAGON		1-17			52-43		
	48	1	CROW BAR – 5 FT. x 1¼" OCTAGON – STEEL		"			52-44		
	49	1	BROOM, CORN – 32# TO 36# PER DOZ.		1-17			52-26		
	50	1	OIL CAN – 1 GALLON – JOHNSON 111		"			52-27		
	51		Wrecking Chain							
ALCO NOTE 1	52	1 PR.	" Frogs FOR 80 LB. RAIL – DRILLED TO DRG. 932-S-95250 – YOUR SIZE NO. 2		3-20 3-17 1-17			ALEXANDER CAR REP. 52-37		
	53	1	COAL PICK HANDLE – DWG. 932-A-2010		1-22			52-10		
	54	1	OIL CAN – 5 PINT – JOHNSON 157		1-17			52-28		
	55	1	" " – LONG SPOUT – 1 QUART SIZE – WITH VALVE – EAGLE E-400		"			52-29		
	56		Torch Body Brass Pipe							
	57		" " Stem Brass Pipe							
	58	1	LB. – COTTON WASTE		1-17			52-40		
NOTE 1	59	1	SUPERHEATER WRENCH – TO S. Co's DWG. 2-L-30018-A – ASK FOR 3 PRINTS FOR FILE		2-6			51-52		
	60		" " Hasp							
	61	2	SCOOP SHOVEL #4		1-17			52-32		
	62		Engineers Tool Box Hinges							
	63		" " " Hasp							
	64	1	WRENCH, MONKEY – 21" OR 24"		1-17			52-42		
	65	1	" , PIPE – 10"		"			52-45		
	66	1	" , " – 18"		"			52-46		

SPECIALTIES AND MISCELLANEOUS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 94—VALVES DISTRIBUTION							
ALCO ✓ 1	2 ROD SETS	Valve Stem Packing—Metallic—Make PAXTON-MITCHELL							
NOTE 1 ✓ 2		Rod Dia. 1 3/4" - OMIT OIL CUP ~~Stuffing Box Cd.~~		12-31					
✓ 3		Oil Cup Shank Dia. Threads		"			41-41		
✓ 4		FOR SUPERHEATED STEAM AND 1/2" PIPE CONN. IN SWAB CUP - FOR		"					
X 5		FORCED FEED OIL LUBRICATION - 782-S-70314 DWG. - P.M. DRG. M-4689		1-31					
6				"					
7		Distributing Valve, Type							
8									
9									
✓ 10	4	Valve Bull Rings - ROUGH CASTINGS ONLY - Cd. ~~943-S-12650~~ 943-S-12651-Y Pat. L-94-S-1543		1-27 1-20					
SUFF. FOR 1½ ENGS. ✓ 11	1	" Packing Rings - " " 12½" LONG " ~~943-S-12650-Z~~ 12651-Y L-94-S-68		1-15			H-S 52-48		
12		" Followers " " 1/4" (THIS ORDER ONLY - 3/16" FOR FUTURE)		1-27 " "			H-S (CHECK STOCK) 52-48		
4 CTR ✓ 13	2	" Body - OUTER SLEEVES - 7" O.D. - ~~3/16~~" THICK - 21" LONG - SEAMLESS STEEL TUBING - ASTM SPEC. A-83-44		1-12 12-31					
4 CTR ✓ 14	2	" " - INNER " - 5½" O.D. - #9 BWG - 21" " - "		"	"	-	" " " BUY 6 EXT. FLUES		
15		Duplex Packing Rings—Hunt Spiller							
16									
17									
18									
19		Bronze Welding Rod. Valve Rod Crosshead							
20									
21		WASHERS - SEE P. 46, L. 9-10							
22									
✓ 23	~~2~~ 2	VALVE STEM HEX NUTS - STEEL - ~~1 3/4~~" DIA. - ~~1 3/8~~" THICK - TO WHITWORTH THRDS. - HEAVY SERIES BLANK - 1 3/4" DIA. X 1 3/8" THK. - HEAVY SERIES		5-12 4-11					
✓ 24	2	" " " " - ? " - 1½" DIA. - 1 3/8" " - 10 " " - " "						52-62	
✓ 25	~~2~~ 2	" " " " - " - SLOTTED - BLANK - 2" DIA. X 2 1/8" THK. - HEAVY SERIES						52-63	
✓ 26	18	" " XHD. GUIDE HEX NUTS - STEEL - SLOTTED - 7/8" DIA. - 15/16" THK. - 9 WHITWORTH THRDS. - HEAVY SERIES						52-61	
27		**GROUP 95—WHEELS**						B	59-21
4 CTR 28	2	Tires-Driving-Flanged ~~to~~ - FOR MAIN WHEELS - ROUGH BORED - M.O. 95-MO-207		1-24					
# 4 CTR 29	8	" - " - " - " OTHER " - " " " 95-MO-205		"					
30		TO AAR SPEC. M-106-42, CL. B - TENSILE TESTS REQUIRED "							
31		TIRES FOR FOREIGN SERVICE - MARKING ONLY TO DWG. 952-S-54710							
✓ 32	2	TIRE Retaining Rings - ENG. TRK. WHEELS - DWG. 952-S-54730-Z ORDER 1		2-18 3-27					
✓ 33	10	" " - DRIVING " - " 952-S-54731-Z 2½% 5		2-17 " "				53-59	
✓ 34	8	" " - TDR, TRK. " - " 952-S-54732-Z EXTRA 4		3-27 "				53-60	
35		Counterbalance Plate Rivets						53-58	
36									
4 CTR 37	2	Tires—Engine Truck - FLANGED - ROUGH BORED - 95- M.O.-204		1-24					
38		TO AAR SPEC. M-106-42, CL. B - TENSILE TESTS REQUIRED - TIRES FOR FOREIGN SERVICE - MARKING ONLY TO DWG. 952-S-54710							
39		Tires—Trailing Truck M.O.							
40		" " " M.O.							
41									
4 CTR 42	8	Tires—Tender Truck - FLANGED - ROUGH BORED - 95-M.O.-206		1-24					
43		TO AAR SPEC. M-106-42, CL. B - TENSILE TESTS REQUIRED - TIRES FOR FOREIGN SERVICE - MARKING ONLY TO DWG. 952-S-54710							
44		Wheels							
45		Engine Truck—C. I. Chilled Tread Dia. Cd.							
46		Plate or Spoke Maker Weight Lbs.							
47		Hub Length Rough Bore							
48		C.S.							
49	NO	Engine Truck—Rolled Steel or Steel Tired Nominal Dia. Cd.							
50		Maker Tire Thick							
51		Material Plate—Spoke Center Tire Fastening							
52		Hub Length Rim Thickness Rough Bore							
53									
54		Trailing Truck—C. I. Chilled Tread Dia. Cd.							
55		Plate or Spoke Maker Weight Lbs.							
56		Hub Length Rough Bore							
57									
58		Trailing Truck—Rolled Steel or Steel Tired Nominal Dia. Cd.							
59		Maker Tire Thick							
60		Material Plate—Spoke Center Tire Fastening							
61		Hub Length Rim Thickness Rough Bore							
62									
63		Trailing Truck—Rolled Steel or Steel Tired Nominal Dia. Cd.							
64		Maker Tire Thick							
65		Material Plate—Spoke Center Tire Fastening							
66		Hub Length Rim Thickness Rough Bore							

ORDER_____

Ck.	Item	Amt. for One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 95—WHEELS							
	1		Tender Truck—C. I. Chilled Tread Inch Cd.							
	2		Plate or Spoke Maker Weight Lbs.							
	3		Hub Length Rough Bore							
	4									
	5	NO C.S.	Tender Truck—Rolled Steel or Steel Tired Nominal Dia. Cd.							
	6		Maker Tire Thick							
	7		Material Plate Spoke Center Tire Fastening							
	8		Hub Length Rim Thickness Rough Bore							
	9									
	10				1500					
	11									
✓	12	1 SET	Lead for Counterbalance – MAIN DRIV. WHEEL – ~~2540~~ 3800 Lbs.		8-5 2-14			53-54		
	13									
	14									
	15		Bearing Metal for Hub Liners Lbs.							
	16									
	17									
	18									
	19									
	20									
	21		**GROUP 96—WHISTLE**							
ALCO	22	1 SET	Whistle – ~~BRASS – C. I. BELL – 6" CHIME~~ – TYPE ~~963-A-1060~~ – WITH LEVER (YOUR DWG. 4893-C LINE 2)	9-13	6-2 2-24 3-17	1-8 12-11		NATHAN 54-2		✓
NOTE	23		TO A.L.CO. DRG. ~~962-S-27010~~ (YOUR 42651) – TO ALCO DWG. 962-S-27011		5-17 5-24	3-28 2-5				✓
	24		~~HOLD~~ RELEASE WHISTLE LEVER		5-17		3-12	3-28		✓
	25									
	26		Tyfon Whistle							
	27									
	28		Whistle Cable							
	29		Whistle Air Valve Rings							
	30		" " " Ball							
	31									
	32									
ALCO NOTE	33	1	Whistle Air Operating ~~Cyl.~~ EQUIPMENT – COMPLETE – TO SUIT NATHAN		3-28			VILOCO 54.4		
	34		WHISTLE DRG. 4893 – WHISTLE ELBOW, ALCO DRG. 962-S-30900 –							
	35		AND WHISTLE LEVER ALCO DRG. 962-S-27011 – CYL. BRACKET							
	36		~~SIMILAR~~ TO VILOCO DRG. 873 – THE WORD "GWIZ~~K~~D AWKA" TO APPEAR	5-5	4-10 4-3					✓
	37		ON OPERATING LEVER – YOUR DWGS. 1044, 1045, 979-D, AND 1020	"	"					✓
	38		**GROUP 99—MISCELLANEOUS**							
	39									
	40		Signal Foam Meter							
	41									
	42									
	43									
	44									
	45		Speed Recorder							
	46									
	47									
	48									
	49									
	50		Reproduced Tracings							
	51									
	52									
	53		Engine Truck Reproduced Tracings							
	54		Foundation Brake Reproduced Tracings							
	55		Trailer Truck Reproduced Tracings							
	56		Am. Steel Fdry. Clasp and Foundation Brake Reproduced Tracings							
	57									
	58		GROUP 92 – TOOLS – CONT'D FROM PAGE 68							
	59									
✓	60	1	WRENCH – 15° ANGLE – SINGLE HEAD – UNFINISHED – WILLIAMS #14		1-30			P. 51, L. 42 TO 47		
✓	61	1	" – " " – " " – " – " #13		"					
✓	62	1	" – " " – DOUBLE " – " – " #37		"					
✓	63	1	" – " " – " " – " – " #30		"					
✓	64	1	" – " " – " " – " – " #45		"					
✓	65	1	" – " " – " " – " – " #41		"					
	66	~~1~~	~~SOCKET WRENCH FOR CRANK PIN – J.H. WILLIAMS & Co. #978-A~~		4-3 2-24			51-53		

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR.B. — 4 CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 10—ASH PAN									
1		Ash Pan Crank									
2		" " Lever									
3		" " Shaft Bearing									
4		" " " "									
5		" " " "									
6		" " " "									
7		" " " Arm									
8		" " " "									
9		" " Door									
10		" " "									
11		" " " Frame									
12		" " " "									
13		" " Slide									
14		" " "									
15		" " "									
16		" " "									
17		" " " Frame									
18		" " " "									
19		" " Hopper									
20		" " "									
21		" " "									
22		" " "									
23		" " Latch									
24		" " "									
✓ 25	2	" " CONN. ROD JAW	102-S-200260	L-10-S-1505	✓	3-28 2-20					1-20
26											
✓ 27	8	Ash Pan Supports	102-S-207700	L-10-S-2051	✓	2-24					1-18
28		" " "									
29		" " "									
30		" " "									
31		" " "									
32		" " "									
33		" " "									
34		" " "									
35		" " "									
36											
37											
38		**GROUP 12—BELL**									
39											
40		Bell Clapper									
41		" " Hinge									
42		" Stand									
43		" Yoke									
44		" Frame									
45		" Crank									
46											
47											
48											
49											
50											
51		**GROUP 13 and 14—BOILER**									
52											
53		Tube Sheet Ring									
54		Fire Hole Ring									
55											
✓ 56	1 ✓	Mud Ring	143-S-110110 ✓	L-14-S-1731 ✓	LLW INSP. ✓	5-5 4-15	2-12 2-6 12-30	1-30	2-6	3-16	CO 143-A-261 ✓
57											
58											
59		Waist Sheet Angle or Tee									
60		" " " " "									
61		" " " " "									
62											
63		Centering Device Saddle									
64		Cylinder Saddle (Mallet)									
65		" " (")									
66											

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR. B.—
UNLESS OTHERWISE NOTED 4 CTR

	Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 16—DRIVING BOXES										
✓	1	2	Driving Box—Main	163-S-208290 (2)	L-16-S-4146	✓	5-12	2-27			7-25		
	2	2	" " - No. 1 - FRONT	163-S-208280	L-16-S-4145-A	✓		3-4					
✓	3	8 2	Driving Box—~~Front~~ ~~OTHERS~~ #4 - B. INTER	163-S-208310 (2)	L-16-S-4145	✓	5-12	2-27			7-24		
	4	2	" " - No. 2 - F. INTER.	163-S-208281	L-16-S-4145-B	✓		3-4					
	5	2	Driving Box—~~Inter.~~ No. 5 - BACK	163-S-208320	L-16-S-4145-C	✓		"					
✓	6	2	" " EQUALIZER SEAT	162-S-305560	L-16-S-4152	✓		2-27			7-31		
	7		Driving Box—Inter.										
	8												
	9		Driving Box—Back										
✓	10	2	" " CELLARS - MAIN	162-S-305538 (1)	L-16-S-4148	✓		2-13 2-6			7-41		
✓	11	8	" " " - OTHERS	162-S-305528 (2)	L-16-S-4147	✓		2-13 "			7-40		
	12		Lateral Box Spring Seat										
	13												
	14		GROUP 17—TRUCK BOXES										
	15												
✓	16	2	Engine Truck Box	173-S-14830 (2)	L-17-S-2574	✓		3-5 2-19			8-26		
✓	17	2	" " " Cellar	172-S-24648 (1)	L-17-S-2575	✓		2-13 2-6			8-30		
	18												
	19		Trailing Truck Box (F)										
	20		" " " Cellar										
	21		" " " Wedge										
	22												
	23		Trailing Truck Box (B)										
	24		" " " Cellar										
	25		" " " Wedge										
	26												
	27		Tender Truck Box										
	28		" " " Lid										
	29		" " " Wedge										
	30		" " " Cover										
	31												
	32												
	33		GROUP 18—BRACKETS										
	34		Air Gauge Stand										
FOR 10 ENGS. ONLY	35	✓ 1	COLD WATER PUMP BRKT.	183-S-59350 (2)	L-18-S-1085	✓		4-30 4-11			9-37		
	36		Back Pressure Gauge Bracket										
	37												
	38		Booster Gauge Stand										
	39												
	40		F.W.H. Gauge										
	41												
	42		Intercepting Valve Gauge Stand										
	43												
	44		Pyrometer Gauge Stand										
	45												
	46		Steam Gauge Stand										
	47												
	48		Steam Heat Gauge Stand										
	49												
	50		Stoker Gauge Stand										
	51												
	52		Speed Recorder Stand										
	53												
	54		Valve Pilot Stand										
	55												
	56		Bell Ringer Valve Bracket										
	57												
	58		Booster Pilot Valve Bracket										
	59												
	60		Booster Slip Control Valve Bracket										
	61												
	62		Sander Valve Bracket										
	63												
	64		Train Control Bracket										
	65												
	66												

LIMA REV. 1

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR.B. - 4 CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 19 and 20—BRAKES										
1												
2		Feed Valve Bracket										
3		" " "										
4		Brake Valve Bracket										
5		" " "										
6		Brake Pedestal Valve Bracket										
7												
8		Distributing Valve Bracket										
9												
10		Brake Signal Valve Bracket										
11												
12												
✓ 13	1	Air Pump Bracket	193-S-36860-2	L-19-S-677	✓		9-2					
14		" " "					3-6			10-13		
15		Main Reservoir Support										
16		" " "										
17		" " "										
18		" " "										
19		" " "										
20		" " "										
21		" " "										
22												
23												
24		Air Pump Shield										
25												
26		Brake Hanger										
27		" "										
28		" "										
29		" "										
30		" Head										
31		" "										
32		" Shoe										
33		" "										
34		" Shaft Arm										
35		" " "										
36		" " Crank										
37		" Lever										
38		" "										
39		" " Fulcrum										
40		" " "										
41												
42		GROUP 21—BUMPER										
43												
44		Bumper Front										
45		" Back										
46		" Knee										
47		" "										
48		" Filling										
49		" "										
50		" End										
51		" "										
✓ 52	1	" Bracket	477-S-38600 #Y	L-47-S-6811	✓	4-17	4-10 3-13			21-20		
53		" "										
54												
55		GROUP 22 and 23—CAB AND DETAILS										
56												
57		Cab Saddle										
58		" "										
✓ 59	2	" Apron Hinge	232-S-4910	L-23-S-357	✓		1-30			12-3		
60		" " "										
61		" Brace Lug										
62		" " "										
63		Cab Door Frame										
64		" " "										
65												
66												

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR. B.—4CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 23—CAB AND DETAILS (Continued)									
1		Cab Carline Bracket									
2		" " "									
3		" Corner Iron									
4		" " "									
5		Cab Window Frame									
6		" " "									
7		Cab Ventilator Frame									
8		" " "									
9		" " Hand Lever									
10		" " Shaft Lever									
11		" " " Link Hinge									
12		**GROUP 24—BOOSTER**									
13											
14		Booster Pilot Valve Bracket									
15		" " " Trigger									
16		" " " " Catch									
17		" Preliminary Valve Bracket									
18											
19											
20		Booster Swing Pipe Clamps									
21		" " " "									
22		" " " " Jaws									
23		" " " " "									
24		" " " Lugs									
25		" " " "									
26											
27		Booster Throttle Valve Support									
28											
29		Booster Live Steam Elbow									
30		" " " Connection									
31		" " " Flange									
32		" " " "									
33		" " " "									
34		" " " "									
35		" " " "									
36		" " " "									
37		" " " "									
38											
39											
40		Booster Exhaust Pipe Elbow									
41		" " " Flange									
42		" " " "									
43		" " " "									
44		" " " "									
45		" " " "									
46		" " " "									
47		" " " "									
48											
49		Booster Slip Joint									
50		" " " Gland									
51											
52											
53											
54		**GROUP 26 and 27—COCKS AND VALVES**									
55											
56		Blow Off Cock Flange									
57											
58											
59											
60											
61											
62											
63											
64											
65											
66											

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR. B. – 4 CTR.
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 28—COCK RIGGING										
1		Blow-Off Cock Rod Jaw										
2		" " " " Handle										
3		" " " Crank										
4												
5												
6		Cylinder Cock Lever Fulcrum										
7		" " Shaft Bearing										
8		" " Rod Jaw										
9		" " " Handle										
10												
11												
12		**GROUP 29—CRANK PINS**										
13		Crank Pin Collar										
14		" " "										
15		" " "										
16												
17												
18		**GROUP 30—CROSSHEAD**										
19	1 R.H.	Crosshead ~~Body~~ (GATED ON END)	304-S-~~32140~~ 32120 **	L-30-S-2098	L.L.W. INSP.	3-13	2-11			304-A-16		15-14
20		~~LUGS TO BE BURNED OFF BEFORE~~ ANNEALING TO MAKE CASTINGS RIGHT & LEFT				2-26	1-27					
21	1 L.H.	CROSSHEAD (GATED ON END)	304-S-32140	L-30-S-2101	L.L.W. INSP.	3-3	3-13					15-15
22		" "					3-13					
23		" Shoe										
24		" "										
25		" Wrist Pin Washer										
26		" " " Keeper Plug										
27		**GROUP 31 and 32—CYLINDER AND DETAILS**										
28	1 PR.	Cylinders—Right & LEFT INTEGRAL	3113-S-200304 2-** U		ROUGH CASTINGS ONLY	9-23	9-30					
29		~~Left~~ WITH SADDLE – DESIGN TO BE APPROVED BY ALCO –	318-S-200300	L-31-S-1352		8-15 4-13	7-25 2-26			G.S.C. CORP.		15-39
30		PATTERN ~~TO BE FURNISHED~~ BY B.L.W., THEIR No. 277980 – (~~NO SPEC. OR CTR.~~) – CYLINDER MARKING TO LIMA DRG. 312-A-14 – CASTINGS TO BEAR LIMA PATTERN NO. L-31-S-1352.				4-3	1-22 1-24					
31	2	CYLINDER Head F	323-S-105440	L-32-S-2467			3-21					
32		" " F					2-26					15-55
33	2	" " B	323-S-105430 **	L-32-S-2466		3-21	3-13					
34		" " B				3-14	2-26					15-56
35												
36												
37		Steam Chest Head F										
38		" " " F										
39		" " " B										
40		" " " B										
41	1	" " COVER – BACK R	34381-** 783-S-34380	L-78-S-1182 L-78-Q-63		4-11	2-10 1-29					
42	1	" " " – " L	34391-** 783-S-34390	L-78-S-1179		3-26 4-3 10-16	1-23 2-10 "	3-21 "	3-26 "			41-37 41-38
43		**GROUP 33—CYLINDER ATTACHMENTS**										
44												
45		Intercepting Valve										
46		" " Head										
47		" " "										
48												
49												
50		Receiver Pipe										
51		" " Flange										
52		" " Sleeve										
53												
54												
55		Starting Valve										
56												
57												
58		**GROUP 34—CYL. BY-PASS AND RELIEF VALVES**										
59		Steam Chest Valve Port Cover										
60												
61												
62												
63												
64												
65												
66												

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR. B. — 4 CTR
UNLESS OTHERWISE NOTED

Ck.	Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
			GROUP 36—DOME									
	1		Auxiliary Dome									
	2											
	3		Dome Shut Off Stuffing Box									
	4											
	5											
	6											
	7											
	8		**GROUP 37—DRAWGEAR**									
	9											
	10		Coupler Pocket									
	11		" Rest									
	12		" Counterweight									
✓	13	2 X	" HOOK GUIDE (1 LOCO. 1 TDR.) ✓	372-S-26770	L-37-S-1316	✓	4-10	3-6 2-20		86-46 & 17-10		✓
	14		Buffer									
	15		Chafing Plate									
✓	16	2	DRAW GEAR WEARING BLOCK (1 LOCO. 1 TDR.)	372-S-26780	XY L-37-S-1317	✓	4-29	4-24 3-6		17-9 & 46-46		✓
	17		Uncoupling Shaft Bracket									
	18		" " "									
	19		" " " Center									
	20		" " Lever									
	21											
	22											
	23											
	24		**GROUP 39—ECCENTRIC**									
	25		Eccentric Crank									
	26		" Strap									
	27		" "									
	28											
	29											
	30		**GROUP 40—ENGINE TRUCK**									
	31		Engine Truck Frame									
	32		" " "									
	33		" " " Crosstie									
✓	34	4	" " " Pedestal	412-S-53250	XY L-41-S-4211	✓		3-21 2-24		18-19		✓
	35		" " " " Thimble									
	36		" " Saddle									
	37		" " Equalizer (Over Box)									
✓	38	1	" " SWING Bolster	412-S-24220	L-41-S-4210	✓		2-24		18-32		
	39		" " Center Plate									
	40		" " Spring Seat									
	41		" " Rocker									
✓	42	1	" " Swing Frame	413-S-13670	L-41-S-4208	✓		3-27 2-26		18-31		✓
	43		" " Radius Bar End									
✓	44	1	" " Center Pin	412-S-30548	L-41-S-4212	✓		2-24 2-21		18-14		
✓	45	4	" " Swing Link	412-S-24230	L-41-S-4209	✓		2-24		18-33		
	46											
	47											
	48		**GROUP 41—TRAILER TRUCK**									
	49		Trailer Truck Frame									
	50		" " "									
	51		" " " Crosstie									
	52		" " Pedestal									
	53		" " "									
	54		" " " Cap									
	55		" " " "									
	56		" " Bolster									
	57		" " Center Pin									
	58		" " " Plate									
	59		" " Equalizer (Over Box)									
	60		" " Saddle									
	61		" " Swing Frame									
	62		" " " Link									
	63		" " Spring Seat									
	64		" " " " Yoke									
	65		" " " Yoke Bracket									
	66											

STEEL CASTINGS

MATERIAL SPEC. No. ~~AAR M-201, GR.B.~~ - 4 CTR.
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 41—TRAILER TRUCK (Continued)									
1		Trailer Truck Spring Case									
2		" " " " Cap									
3		" " Seat Ball Joint									
4		" " Centering Device Rocker									
5		" " Radius Bar									
6		" " " " End									
7		" " " " Fulcrum									
8											
9											
10											
11											
12		GROUP 44—EXHAUST PIPE									
13											
14											
15											
16											
17											
18		GROUP 45—FIRE DOOR									
19											
20											
21											
22		GROUP 46—FRAMES									
23											
24		Frame R									
25		" L									
26											
27		Frame Rail Top									
28		" " Bottom									
29		Frame Pedestal Cap									
30		" " "									
31		" " "									
32		" " "									
33		" " "									
✓ 34	2	" LIFTING BLOCKS	462-S-92100	L-46-S-7507		4-17			RUSH	57-47	✓
35											
36		GROUP 47—FRAME DETAILS									
37	2	Frame Filling - BET. #1 & #2 DRW. R	463-S-39410	L-46-S-7504	✓	2-27 2-13	3-12	3-17		20-51	
✓ 38	2	" " - " #2 & #3 " L	463-S-39412	L-46-S-7504	✓	3-3 "	3-12	"		20-52	
39	4	" " R	463-S-39420	L-46-S-7505	✓	2-24 2-27 2-20 2-14	3-12	"		20-53	
✓ 40	2	" "	463-S-39430	L-46-S-7506	✓	2-21	3-12	"		20-64	
✓ 41	1	Foot Plate	474-S-65670	L-47-S-6801	✓	5-5 3-10 2-20 1-31 1-27	5-5	5-5		21-48	✓
42		Front Deck Casting									
43		" " " & Air Pump Brackets									
44		Center Pin Guide									
45		" " " Bushing									
46		Back Head Brace									
✓ 47	1	Expansion Crosstie	473-S-23456	L-47-S-6803	✓	9-2 5-6	3-5 2-14 2-10	2-12	2-14	21-32	✓
48		Ash Pan Crosstie									
49		Brace Crosstie									
50		" "									
51		" "									
✓ 52	1	Brake ~~Fulcrum~~ CYLINDER Crosstie - F	474-S-118570	L-47-S-6802	✓	9-15 4-10	3-6 2-6			21-29	✓
53		" " " Block									
✓ 54	1	Brake Shaft Crosstie - AHEAD #1 PED.	474-S-118550	L-47-S-6797	✓		2-27 1-17			21-24	✓
✓ 55	2	" " " Block	474-S-118550	L-47-S-6798	✓		"			21-25	
✓ 56	1	Brake ~~Cylinder~~ Crosstie - BK. #3 PED.	473-S-118560	L-47-S-6799	✓	4-10	3-27 2-12			21-22	✓
✓ 57	2	" " " BLOCK	473-S-118560	L-47-S-6800	✓		"			21-23	
58		Center Pin Crosstie									
59		Lateral Box Crosstie									
60		Furnace Crosstie									
61		Grate Crosstie									
62		Guide Yoke Crosstie									
✓ 63	1	Pedestal Crosstie - # BACK OF 2 PED.	472-S-118590	L-47-S-6806	✓		2-6			21-26	
✓ 64	1	" Crosstie - BACK OF #4 PED.	472-S-118591	L-47-S-6806	✓		"			21-27	
✓ 65	1	EXPANSION PLATE KNEE - R	473-S-57988	L-47-S-6807	✓	4-23 4-8	5-5 2-21			21-44	✓
✓ 66	1	" " " - L	473-S-57989	L-47-S-6808	✓	4-23 4-8	2-14 5-5 "			21-45	✓

USE STYLE 2 FOR FUTURE - DWG. 473-S-57982

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR. B.—
UNLESS OTHERWISE NOTED 4 CTR

Item	Amt. for One Engine	DESCRIPTION		CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 47—FRAME DETAILS (Continued)										
1	1	Motion Bearer Crosstie		474-S-118580-AY	L-47-S-6805	5-6	2-24 2-6			21-28		✓
2		Waist Sheet Crosstie										
3		" " "										
4		" " "										
5												
6		Furnace Bearer	F									
7		" " Shoe	F									
8		" " Knee	F									
9		" " Pad	F									
10	2	EXPANSION SHOE	F	472-S-57970	L-47-S-6809	✓	2-19			21-38		
11												
12		Furnace Bearer	B									
13		" " Shoe	B									
14		" " Knee	B									
15		" " Pad	B									
16												
17												
18		Centering Device Body										
19		" " Top Bearing										
20		" " Shoe										
21		" " Clamp										
22												
23		Hinge Casting										
24		" "										
25												
26	4	FRAME WEDGE - 4TH & 5TH PED.		462-S-57831-XW	L-46-S-7503	✓	2-10 1-31 2-1 1-23			20-54		
27	2	" " " - MAIN		462-S-57816-XW	L-46-S-7500	✓	2-10 " " 2-7 " "			55		
28	4	" " " - #1 & #2 PED.		462-S-57813-XW	L-46-S-7501	✓	2-10 " " 2-7 " "			56		
29	4	" "SHOE - 4TH & 5TH PED.		462-S-57830-XW	L-46-S-7502	✓	2-10 " " 2-7 " "			57		
30	2	" " - MAIN		462-S-57815-XW	L-46-S-7498	✓	2-10 " " 2-7 " "			58		
31	4	" " - #1 & #2 PED.		462-S-57811-XW	L-46-S-7499	✓	2-10 " " 2-7 " "			59		
32												
33		**GROUP 50—GUIDES**										
34												
35		Guide Yoke End										
36		" " "										
37		" " Bracket										
38		" " "										
39		" " Knee										
40		" " "										
41												
42		Guide Yoke Angle										
43												
44												
45												
46		**GROUP 51 and 52—GRATES**										
47		Grate Center Rail	F									
48		" " "	B									
49		" Side "	F									
50		" " "	F									
51		" " "	B									
52		" " "	B									
53		" Dead Grate Support										
54		" " " "										
55		" " " "										
56		" " " "										
57		" Side Rail Support										
58		" " " "										
59		" " " "										
60		" " " "										
61	1	" FRAME Center ~~Rail~~ Support	F	522-S-209902-Y	L-52-S-10767	✓	2-14			22-52		
62	1	" " " "	B	522-S-209903-Y	L-52-S-10768	✓	"			22-53		
63		" " " "										
64		Grate Lever Fulcrum	R									
65		" " "	L									
66												

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR.B. - 4 CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION		CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 51 and 52—GRATES (Continued)										
1												
✓ 2	2	Grate Lever Latch	F	522-S-33688 (301290)	L-52-S-9332 (10769)		3-3	3-19	3-24	22-57		✓
✓ 3	2	" " "	B	522-S-33689 (301291)	L-52-S-9333 (10770)	✓	"	3-19	"	22-58		✓
4		" " "										
5		" " "										
6												
7		Grate Shaker Lever										
8												
9												
10												
11												
12		GROUP 53—HANDRAILS AND STEPS										
13												
14		Bumper Step										
15												
16		Hand Rail Column										
17		" " "										
18		" " "										
19		" " "										
20		" " "										
21		" " "										
22		" " "										
23	2	" " END		532-S-24335	53-912	✓	4-15			23-29		✓
24		GROUP 54—HEADLIGHTS, LAMPS, PLATES, ETC.										
25												
26		Flag Bracket										
✓ 27	1	Signal ~~Lamp~~ Bracket ON S.B.		542-S-47030	L-54-S-3591	✓	4-24			55-20		✓
28		" " "										
29												
✓ 30	4	MARKER LAMP FIXTURE (2 LOCO. 2 TDR.)		543-S-46801	L-54-S-3573	✓	4-18 3-3			24-15-16		✓
31												
32												
33												
34												
35												
36		GROUP 55—INJECTORS AND FEED WATER HEATER										
37												
38		Injector Bracket										
39		" "										
40		" Check Flange										
41		" " "										
42		" Feed Pipe Hanger Bracket										
43												
FOR 10 ENGS. ONLY 44	✓ 1	FEED PIPE EXTENSION - L.		552-S-30540	L-55-S-1720	✓	2-12			26-4		
45		F.W. Heater Support										
46		" " Pump Bracket										
FOR 10 ENGS. ONLY 47	✓ 1	" " BRACKET		182-S-~~59011-Z~~ 59012-XX	L-18-S-1084	✓	3-20	2-14 1-27 1-13	1-22	1-27 9-36		✓
48		Hose Clamps										
49		" "										
50		" "										
51		" "										
52												
53		F.W.H. Pipe Flange - SEE P. 81										
FOR 10 ENGS. ONLY 54	1	" " " - AT COLD PUMP		632-S-106812	L-55-577	✓	2-18			68-57		
55		" " "										
56		" " "										
✓ 57	4	CHECK PIPE SUPT.		632-S-215760	L-63-S-5456		2-26			26-5		
✓ 58	4	" " " CAP		632-S-215761	L-63-S-5457		"			26-6		
59		F.W. Heater Suction Pipe Elbow										
60		" " Hot Pump Deliv. Conn.										
61		" " Cold Pump Suction Conn.										
62												
63		Exh. Steam Injector Elbow										
64		" " " "										
65		" " " Exh. Pipe Flange										
66		" " " " " "										

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR. B.—4CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION		CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 57—LAGGING AND JACKET										
✓ 1	56	Jacket Clamps		572-S-4715	L-57-A-2	✓	1-24			CHECK STOCK 27-17		
✓ 2	~~60~~ 40	" "		572-S-4717	L-57-A+1	✓	10-3 "			IN ERECT. SHOP 27-18		✓
3		" "										
4		" "										
5		" "										
6		" "										
7												
8												
9												
10												
11												
12		**GROUP 58—LINK MOTION**										
13												
14		Link										
15		"										
16		" Cheeks										
17		" "										
18		" Saddle										
19		" "										
✓ 20	1	" Support	R	584-S-106040	L-58-S-2231	✓	5-2 3-5 3-20 2-10 1-27			28-11		✓
✓ 21	1	" "	L	584-S-106041	L-58-S-2232	✓	5-2 " 2-10 3-11-5			28-12		✓
22												
23												
24		Slide Block Trunnions										
25												
26												
27												
28												
29												
30		**GROUP 59—OIL CUP AND LUBRICATORS**										
31												
32		Lubricator Bracket										
33		" "										
34												
35		Oil Cups—Trailer Truck										
36		" "										
37												
38												
39												
40												
41												
42												
43		**GROUP 60—OIL BURNER DETAILS**										
44												
45												
46												
47												
48												
49												
50												
51												
52		**GROUP 62—PILOT**										
53												
54		Pilot Knee	R									
55		" "	L									
56												
57												
58												
59												
60												
61												
62												
63												
64												
65												
66												

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR.B. - 4 CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 63—PIPE FITTINGS										
FOR 10 ENGS. ONLY 1	2 ✓	Flanges - F.W.H. ST. PIPE	633-S-106771 ~~633-S-106778~~	L-63-S-5452	✓	9-2 7-30	1-11 1-27					
FOR 10 ENGS. ONLY 2	2 ✓	" - F.W.H. PIPE	632-S-106811	L-63-S-5455	✓	4-25	1-23	1-27	1-27	30-27		✓
3	1	" - BLOWER PIPE	632-S-106840	L-63-S-5373	✓		2-10			30-28		
FOR 10 ENGS. ONLY 4	~~2~~ 1 RS	" - F. HOSE FITT. & INJ. DEL.	632-S-106902	63-773	✓		3-13			30-25		
5		"				6-25	6-6 4-11			69-8-11		✓
6		"										
7		"										
8		"										
9		"										
10		"										
11		"										
12		"										
13		"										
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43												
44												
45												
46												
47												
48												
✓ 49	1	BLOWER ELBOW	632-S-~~30381~~ 30255	L-63-S-2648	✓	8-25	~~1-31~~ 1-31			30-24		1
50												
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												
61												
62												
63												
64												
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66												

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR. B. —
UNLESS OTHERWISE NOTED 4 CTR

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 63—PIPE FITTINGS									
1	4	Pipe Clamps — DEL.	632-S-215760	L-63-S-5456 ✓		5-13 1-25			See P. 79, 2.57		✓
2		" "									
3		" "									
4		" "									
5		" "									
6		" "									
7		" "									
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18		" "									
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41		" "									
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43		" "									
44		" "									
45		" "									
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66		" "									

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR.B. - 4 CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.
		GROUP 63—PIPE FITTINGS									
1	4	Pipe Clamp Cap - DEL.	632-S-21576	L-63-S-5454	✓		5-13 2-25			Dec P. 79, L. 5-8	L
2		" " "									
3		" " "									
4		" " "									
5		" " "									
6		" " "									
7		" " "									
8		" " "									
9		" " "									
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11		" " "									
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13		" " "									
14		" " "									
15		" " "									
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17		" " "									
18		" " "									
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34		" " "									
35		" " "									
36		" " "									
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38		" " "									
39		" " "									
40											
41											
42											
43											
44											
45											
46											
47											
48											
49											
50		Mech. Lubricator Oil Pipe Fitting									
51		" " " " "									
52											
53	✓ 1	FIRE HOSE TEE FITTING	632-S-93090	L-63-S-5461	✓		4-16 4-1			30-29	L
54	✓ 2	" " " "	632-S-93090	L-63-S-5461	✓		" "			30-30	L
55			LIMA REV. 1.				4-7				L
56											
57											
58											
59											
60											
61											
62											
63											
64											
65											
66											

FOR 10 ENGS. ONLY
FOR 10 ENGS. ONLY

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR.B. — 4 CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	Ck.
		GROUP 65—PISTON									
1		Piston									
2		" Head									
3		" Follower									
4		" Bull Ring									
5											
6		Piston Rod Guide									
7	2	" " " Extension	652-S-70300	L-65-S-2163	4-17	3-13	4-3	4-17	35-8		✓
8		" " " Slide Guide									
9											
10											
11											
12											
13											
14											
15		**GROUP 66—PLUGS**									
16											
17											
18											
19											
20											
21											
22											
23											
24		**GROUP 68 and 69—REVERSE LEVER AND SHAFT**									
25											
26		Reverse Lever Fulcrum									
27											
28		Reverse Cylinder Support									
29											
30		Screw Reverse Support									
31	1	" " LATCH HANDLE	682-S-54440	L-68-S-1817		4-11			36-11		✓
32											
33											
34	1	Reverse Shaft Arm	692-S-107980	L-69-S-3096		2-10 1-27	3-5	3-10	36-14		
35		" " "									
36		" " "									
37		" " "									
38		" " C. B. Arm									
39		" " Stop									
40	2	" " Bearing	692-S-23220	L-69-S-3094		3-20 2-10 1-27			36-19		✓
41		" " "									
42		" " "									
43	2	" " " Cap	692-S-23220	L-69-S-3095		3-20 2-10 1-27			36-21		✓
44		" " " "									
45	1	" " CRANK	692-S-107990	L-69-S-3097		3-20 3-10 2-10 1-27	2-13	3-10	36-24		✓
46	1	Reach Rod Jaw	692-S-43346	69-319		4-29			B		
47		" " "									
48											
49											
50											
51											
52											
53											
54		**GROUP 70—ROCKER AND BOX**									
55											
56											
57											
58											
59											
60											
61											
62											
63											
64											
65											
66											

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR.B. — 4CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.
		GROUP 71—RUNNING BOARD								
1	4	Running Board Bracket	713-S-309100	L-71-S-1092		1-31			37-3	
2		" " "								
3		" " "								
4		" " "								
5		" " "								
6		" " " (Under Cab)								
7		" " " " "								
8		" " " Filler Block								
9		" " " " "								
10										
11										
12		**GROUP 72—RODS**								
13										
14										
15										
16										
17										
18										
19										
20										
21		**GROUP 73—SAND BOX**								
22										
23		Air Sander Block								
24										
25										
26										
27										
28										
29										
30										
31										
32										
33		**GROUP 75—SMOKE BOX**								
34	1	Smoke Box ~~Front~~ DOOR Hinges T	742-S-29423	L-74-S-1525		7-26			39-5 ~~37-3~~	
35	1	" " " " B	742-S-29424 XX	L-74-S-1526		3-4			39-6 "	
36		" " " " Lugs T			5-2					
37		" " " " " B								
38	12	" " Door Clamp	742-S-29440 XY	L-74-S-1524		3-4				
39	~~1~~	" " " "			4-4	2-24	2-25	3-3	39-7	
40	1	" " " HINGE BUTT - BOT.	742-S-29430	L-74-S-1523		2-10			39-3	
41	1	" " " " " - TOP	742-S-29431	L-74-S-1522					39-4	
42	36	Smoke Box Cover Plate Clamp	742-S-900822	L-74-S-1346		1-23			39-9	
43		" " " " "								
44		" " " " "								
45	2	THR. W.O. COVER	742-S-5600	L-74-S-1350		1-23			39-11	
46		Smoke Box Cleaning Hole Frame								
47		" " " " Cap								
48										
49	1	THR. AIR JOINT	742-S-80430	L-74-S-1521		3-3 2-10			39-12	
50			1-2							
51										
52		**GROUP 76—SPRINGS**								
53										
54		Driving Spring Clips								
55		" " "								
56		" " "								
57		" " "								
58										
59		Trailer Spring Clips								
60		" " "								
61										
62										
63										
64										
65										
66										

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR. B. - 4 CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	
		GROUP 77—SPRING RIGGING										
1	2	Driving Box Saddle - MAIN	772-S-33760	L-77-S-3727	✓		3-6 2-5			40-42		
2	4	" " " - 1ST & 2ND	772-S-33761	L-77-S-3728	✓		"			40-43		
3		" " "										
4		" " "										
5												
6		Equalizer Fulcrum Cylinder										
✓ 7	1	" " - FRONT	772-S-75030	L-77-S-3732	✓	3-13	3-10 3-6			40-46		
8		" " Back										
9												
10		Spring Gibs										
11		" "										
12		" "										
13		" "										
14		" "										
15												
16												
✓ 17	2	Spring Hanger	772-S-400261	L-77-S-3725	✓		1-30			40-53		
✓ 18	8	" "	772-S-400262 400410	L-77-S-3726	✓		2-10 "			54		
✓ 19	2	" " - FT. #1 PED.	772-S-400411	L-77-S-3731	✓		3-27 2-20			55		✓
20		" "										
21												
22		Equalizer										
23		"										
24												
✓ 25	10	SPRING SEAT	772-S-84960	L-77-S-3729	✓		9-5 2-14			40-49		
✓ 26	2	" "	772-S-84961	L-77-S-3730	✓		"			40-50		
27												
28												
29												
30		**GROUP 78—ST. GAUGE, SAFETY VALVE AND TURRET**										
31												
✓ 32	1	Cab Turret (Saturated)	797-S-301480	L-79-S-1530	✓	4-15 3-26	3-3 1-31			42-3		✓
33												
34		Cab Turret (Superheated)										
35												
36		Safety Valve Turret										
37												
38		Valve Handle Turret										
39		" " "										
40												
41		Steam Turret Elbow										
42		" " Pipe Connection										
43		" " " "										
44												
45												
46												
47												
48		**GROUP 79—STEAM PIPE**										
49												
✓ 50	2	Steam Pipe R	803-S-103850-Z	L-80-S-3541	✓	5-1	2-5 1-15	1-22	2-5	42-33		✓
51		" " L										
52												
53		Tee Head										
54												
55												
56												
57												
58		**GROUP 80—STOKER**										
✓ 59	1	Stoker Support	524-S-80884	L-52-S-10766	✓		3-6 3-3	5-1	5-2	22-61		
60		" " Shoe										
61												
62												
63												
64												
65												
66												

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR.B. - 4 CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.
		GROUP 81—SUPERHEATER								
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12		GROUP 82—TANK—ENGINE								
✓ 13	2	HOSE THIMBLE (4DR)	822-S-41840	L-82-S-2027	✓	✓				
14						2-12			43-9	
15										
16										
17										
18		GROUP 84—TENDER BRAKE								
19										
20		Brake Lever Fulcrum								
21		" " "								
22		" Shaft Hanger								
23		Dead Lever Anchor Lug								
24										
25										
26										
27										
28										
29		GROUP 85—TENDER FRAME								
30										
31		Frame Side Bearing								
32		" Filling								
33		"								
34		" Bolster								
35		" Center Plate								
36		"								
37										
38		Bumper								
39										
40										
41										
42		GROUP 86—TENDER DRAWGEAR								
43										
44		Coupler								
45		" Pocket								
46		"								
47		" Yoke Filler								
48		" Carrier Iron								
49										
50		Draft Gear Cheek Casting								
51										
52		Draw Casting—Front								
53		" " —Back								
54										
55		Chafing Casting								
56										
57		Spring Buffer Case								
58										
59										
60										
61										
62										
63										
64										
65										
66										

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR. B. — 4 CTR
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.	
		GROUP 88—TANK										
1												
2		Drain Pipe										
3		Tank Lifter Lugs										
4		" Funnel Latch										
5		" " " Lug										
6		" " Handle										
7												
8		Oil Tank Funnel Hinge Lug										
9		" " " " "										
10												
11		Vestibule Diaphragm Knee										
12		" Hinges										
13		" Hinge Lug										
14		" Spring Rod Socket										
15		" Roller Bracket										
16		" Stuffing Box										
17		" " " Nut										
18	1	STOKER POCKET DOOR HANDLE	882-S-903780	L-88-S-555	✓		3-28			48-38		✓
19	1	" " " ROD HDLE.	732-S-2626	L-73-A-7	✓		4-9			48-39		✓
20		GROUP 89—TENDER TRUCK										
21		Truck Columns										
22		" "										
23		" Bolster										
24		" Center Plate										
25		"										
26		" Spring Seat—Top										
27		" " " Bottom										
28		" " Hanger										
29		"										
30		" Frame										
31		" " Crosstie										
32		" Pedestal										
33		" Swing Frame										
34												
35												
36		GROUP 90—WATER SCOOP										
37												
38		Scoop Shaft Fulcrum										
39		" " Arm										
40												
41												
42												
43		GROUP 91—THROTTLE										
44												
45		Throttle Valve Crank										
46		" " Shaft Arm										
47		" Rod Jaws										
48		" " "										
49		" Lever Crank										
50		" " Support										
51	1	" " Fulcrum BRKT.	912-S-207830 1-XX 207820	L-91-S-2659	✓		8-20 2-12 3-14 1-20 2-6	1-30	2-6	51-6		
52	1	" " Latch Handle	912-S-202381	L-91-S-2459	✓		2-28			51-10		
53		Throttle Rod Support										
54		" " "										
55		" " "										
56		Throttle Compensating Lever Support										
57		" " " " Cap										
58	1	" CLAMP BOLT OUTER RING	912-S-18131	L-91-S-1950	✓		1-15			51-3		
59		Throttle Stuffing Box										
60	1	" " " Gland	742-S-80080	L-74-S-1472	✓		1-24			B		
61		" Shaft Crank										
62	1	" CRANK	912-S-19972	L-91-S-2549	✓		1-15			51-4		
63	1	Dry Pipe Sleeve F	912-S-61462	L-91-S-2657	✓		1-22			50-5455		
64	1	" " " B	912-S-61463	L-91-S-2658	✓		"			51-15-16		
65		" " Elbow										
66		THR. W. P. COVER — SEE P. 85, L. 45										
		" AIR JOINT — " P. 85, L. 49										

STEEL CASTINGS

MATERIAL SPEC. No. AAR M-201, GR.B. - 4 CTR.
UNLESS OTHERWISE NOTED

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.		Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.
		GROUP 92—TOOLS									
		Tools									
1											
2		Wrecking Frogs									
3		" "									
4		Wrenches									
5		"									
6		"									
7		"									
8		"									
9											
10											
11											
12		**GROUP 94—VALVES DISTRIBUTION**									
13											
14		Piston Valve Body									
15	4	" " Follower	942-S-~~12136~~ 12137	L-94-S-1663	ELECTRIC CAST STEEL		1-27 1-14			52-~~48~~ 49	
16		" " "									
17	4	" " Body Ends	943-S-~~12650~~ 12651-X	L-94-S-1798			1-27 1-20 1-14			52-48	
18		" " " "									
19											
20											
21											
22		**GROUP 95—WHEELS**									
23	4	Driving Wheel Center No. 1 & 5	953-S-~~204634~~ 204634-X	L-95-S-1977	LLW INSP.		3-21 3-10 4-3			53-3	4
24	4	" " " " 2 & 4	953-S-~~204635~~ 204635-X	L-95-S-1977-ALT.	"		3-21 3-10 4-3			53-4	
25	2	" " " " 3 - MAIN	953-S-204620	L-95-S-1976	"		3-10 3-21 4-3			53-5	
26		" " " "									
27		" " " "									
28		" " " "									
29		" " " "									
30											
31											
32	2	Eng. Truck Wheel Center	953-S-43090	L-95-S-1974	L.L.W. INSP.		4-10 3-18 2-14 1-30 1-17			53-9	
33		" " "									
34											
35	8	~~Trailer~~ TENDER Truck Wheel Center F	953-S-70770	L-95-S-1975	L.L.W. INSP.		3-17 2-14 1-29 1-20			K 953-A-336 53-10	
36		" " " " B									
37											
38											
39		**GROUP 96—WHISTLE**									
40											
41		Whistle Shaft Arm									
42		" Rod Jaws									
43		" Lever									
44		" " Fulcrum									
45											
46											
47											
48											
49											
50											
51		**GROUP 99—MISCELLANEOUS**									
52		FOLLOWING T-Z WASHOUT PLUGS TO BE THREADED BY DETROIT TAP & TOOL CO.:									
TOTAL 53	18	2 7/8" PLUGS	—	" "	" TO ALCO DWG.	661-S-91699					
" 54	162	3 1/2" "	—	" "	" " " "	661-S-91698					
" 55	396	2 1/2" "	—	" "	" " " "	661-S-91696					
" 56	36	2 1/2" " - WITH LONG SLEEVE -	—	" "	" " " "	661-S-91697					
57											
58											
59											
60											
61											
62											
63											
64											
65											
66											

BRASS CASTINGS

ORDER _____

Item	Amt. for One Engine	DESCRIPTION	CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.
		GROUP 16—BOXES, DRIVING								
4 CTR 1	2	Driving Box Brass-Main	162-S-30557 3	L-16-S-4150	✓	3-13 2-28			N.B.M. CORP	7-34
2		" " " "								
4 CTR 3	8	" " " ~~Front~~ OTHERS	162-S-30557 2	L-16-S-4149	✓	3-13 2-28			"	7-33
4		ALL SEMI-MACHINED AND LINED				"				
5		ALL OF MEDIUM BRONZE TO AAR SPEC. M-503-42				"				
6		LINING TO ASTM SPEC. B-23-26, ALLOY #3 - 80% TIN CONTENT				"				
7		" " " "								
8		" " " "								
9		" " " Back								
10		" " " "								
11		" " " Quarter Bearing								
12		" " " " "								
13										
14		Driving Box Hub Liner								
15		" " " "								
16										
17		Driving Box Pedestal Liner								
18		" " " "								
19										
20										
21		**GROUP 17—BOXES—TRUCK**								
22										
4 CTR 23	2	Engine Truck Box Brass - LINED & FINISHED COMPLETE	173-S-22425 2	L-17-S-1937	✓	4-23 2-18			MAGNUS	✓
24		BRASSES OF MEDIUM BRONZE TO AAR SPEC. M-503-42								
25		LINING TO AAR SPEC. M-501-41								
26		Trailer Truck Box Brass F								
27		" " " Hub Liner F								
28										
29		Trailer Truck Box Brass B								
30		" " " Hub Liner B								
31										
32		Trailer Truck Box Pedestal Liners F								
33		" " " " " B								
34										
4 CTR 35	8	Tender Truck Box Brass	172-S-62334			1-20			172-A-303	8-49
36		LINED AND FINISHED COMPLETE TO AAR SPEC. M-501-41				4				
37										
38										
39		**GROUP 30—CROSSHEAD**								
40										
41		Crosshead Shoe—Top								
42		" " —Bottom								
43										
44										
45		**GROUP 39—ECCENTRIC**								
46										
47		Eccentric Rod Brass								
48										
49										
50										
51		**GROUP 46—FRAMES**								
52										
53		Frame Pedestal Shoe								
54		" " "								
55		" " "								
56										
57		Frame Pedestal Wedge								
58		" " "								
59		" " "								
60										
61										
62										
63										
64										
65										
66										

BRASS CASTINGS

ORDER_____

Item	Amt. for One Engine	DESCRIPTION		CARD No.	PATT. No.	Date of Entry D. R.	Date of Entry P. D.	Date of Hold	Date of Rel.	SPECIFIED FROM	Purchase Order No.
		GROUP 58—LINK MOTION									
1		Link Bushing									
2		" "									
3		" Support Bushing									
4		" " "									
5											
6		Radius Rod Bushing									
7											
8											
9		Combination Lever Bushing									
10											
11		Union Link Bushing									
12											
13		Transmission Bar Bushing									
14											
15											
16		GROUP 72—RODS									
17											
18		Main Rod Brass	Front End								
19		" " "	" "								
20											
21	2	Main Rod Brass	Back End	722-A-674	L-72-S-4481	3-6					37-31
22		" " "	" "								
23		" " "									
24		" " "									
25											
26											
27	4	Side Rod Brass	Front & BACK	722-B-674	L-72-S-4482	3-6					37-35
28		" " "	"								
29		" " "									
30		" " "									
31	4	" " "	Inter. - F. & B.	722-C-674	L-72-S-4483	3-6					37-37
32		" " "	"								
33		" " "									
34		" " "									
35	2	" " "	Inter. MAIN	722-D-674	L-72-S-4484	3-6					37-39
36		" " "									
37		" " "									
38		" " "									
39		" " "	Back "								
40		ROD BRASSES TO BE FURNISHED LINED AND SEMI-MACHINED AS PER DRAWING									
41		" " " " " OF BRONZE TO AAR SPEC. M-503-42 - HARD									
42		" BRASS LINING TO BE TO ASTM SPEC. B-23-26, ALLOY #3 - 80% TIN CONTENT									
43		FURNISH 4 C.T.R.									
44											
45											
46											
47											
48											
49		GROUP 95—									
50		Driving Wheel Hub Liner									
51		" " " "									
52		" " " "									
53		" " " "									
54		" " " "									
55											
56		Trailer Wheel Hub Liner									
57		" " " "									
58		Engine Truck Wheel Hub Liner									
59											
60											
61		GROUP 99—MISCELLANEOUS									
62											
63											
64											
65											
66											

CHECKED BY MW, GP
7-31-47
8-11-47
8-18-47

CHECKED WITH P.D. BOOK.
BY. G.S. J.W.L. & J.R.
3/26/47

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN W. Reiff DEPT. #20 DATE September 11, 1947

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR REPUBLIF OF POLAND R. R. CONSTRUCTION No. 1200

No. ENGINES ON ORDER 20

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
7		Unions	2"	TENDER
2		"	1"	
4		"	1/2"	
1		"	1/4"	
2		"	3/4"	
6		" Ells	2"	
3		" "	1-1/4"	
1		" "	1-1/4" 45°	
3		" "	1"	
6		" "	3/4"	
4		" "	1/2"	
1		Ells	2"	
2		"	1-1/4"	
3		"	1"	
1		"	1" 45°	
3		"	3/4"	
4		"	1/2"	
1		"	3/8"	
1		"	1 x 1/2"	
1		St. Ell	1/2"	
1		" "	3/8"	
1		Tees	1-1/4" Cross	
1		"	1"	
1		"	1 x 1 x 3/4	
3		"	3/4"	
1		Y-Bend	1-1/2	
1		Nipples	2 x 6	
1		"	2 x 4	
1		"	2 x 2-1/2	
1		"	1	
1		"	1-1/4 x 3	
1		"	1-1/4 x 6	
1		"	1-1/4 close	
3		"	1 x 4-1/2	
1		"	1" close	
1		"	3/4 x 6	
1		"	3/4 x 5	
1		"	3/4 x 4-1/2	
1		"	3/4 x 3-1/2	
3		"	3/4 x 2-1/2	
1		"	3/4 x 2	
1		"	1-1/2 x 6	
1		"	1-1/2 x 2-1/2	
3		"	1/2 x 6	
2		"	1/2 x 5-1/2	
2		"	1/2 x 5	
1		"	1/2 x 4-1/2	

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN Wm.Reiff DEPT. #20 DATE September 11, 1947

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR REPUBLIC OF POLAND R. R. CONSTRUCTION No. 1120

No. ENGINES ON ORDER 20

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
1		Nipples	3/8 x 2	TENDER
1		Pipe Caps	1-1/2"	
1		" "	1/2"	
1		Pipe Plugs	1-1/4"	
1		" "	1"	
88'		Ex. Heavy W.I. Pipe	2"	
6'		" " " "	1-1/4"	
63'		" " " "	1"	
15'		" " " "	3/4"	
24'		" " " "	1/2"	
2'		" " " "	3/8"	
2'		" " " "	1/4"	
13'		O.D. Copper Tubing	3/8"	
20'		Unares Insulation	3/16 x 1-9/16	
13'		Insulation for 3/8" O.D. Tubing		
13'		O.D. Copper Tubing	3/8	ENGINE TRUCK
13'		Insulation for 3/8 Tubing		" "

Copy - Mr. W. E. Faber
Mr. A. J. Townsend
Mr. Don Ashton
Mr.Wm. Reiff
File

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN J. POLINSKI DEPT. #11 DATE Sept. 15, 19 47

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR REPUBLIC OF POLAND R. R. CONSTRUCTION No. 1200

FOR F.W.H. EQUIPPED LOCOS. ONLY #11 to #20 Incl. No. ENGINES ON ORDER 20

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
	2	Caps	1"	ENGINE
	2	"	3/4"	
	2	"	1/2"	
	2	"	3/8"	
	1	Elbow	2-1/2"	
	1	"	4"	
	4	"	2"	
	3	"	1-1/2"	
	9	"	1-1/4"	
	10	"	1"	
	12	"	3/4"	
	9	"	1/2"	
	14	"	3/8"	
	7	"	1/4"	
	1	" 45°	2-1/2"	
	1	" "	2"	
	1	" "	3/4"	
	1	" "	1/2"	
	1	" "	1/4"	
	2	Plugs	2"	
	1	"	1-1/2"	
	1	"	1-1/4"	
	2	"	1"	
	2	"	3/4"	
	2	"	1/2"	
	2	"	3/8"	
	2	"	1/4"	
	1	Stud Unions	2 x 1-1/4	
	10	Unions	2"	
	5	"	1-1/2"	
	15	"	1-1/4"	
	9	"	1"	
	6	"	3/4"	
	6	"	1/2"	
	6	"	3/8"	
	2	"	1/4"	
	10	" Ells	2"	
	6	" "	1-1/2"	
	8	" "	1-1/4"	
	7	" "	1"	
	12	" "	3/4"	
	9	" "	1/2"	
	10	" "	3/8"	
	8	" "	1/4"	
	2	" " 45°	2"	
	2	" " "	1-1/2"	

(Cont'd.)

RECEIVED SEP 16 1947 ENGINEERING DEPT.

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN J. Polinski DEPT. #11 DATE Sept. 15, 1947

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR Republic of Poland R. R. CONSTRUCTION No. 1200

FOR F.W.H. EQUIPPED LOCO. ONLY #11 to #20 Incl. No. ENGINES ON ORDER 20

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
	2	Union Ells 45°	1-1/4"	ENGINE
	2	" " "	1"	
	3	" " "	3/4"	
	3	" " "	1/2"	
	2	" " "	3/8"	
	2	" " "	1/4"	
	1	" Nipples	2"	
	1	" "	1-1/2"	
	11	" "	1-1/4"	
	3	" "	1"	
	3	" "	3/4"	
	3	" "	1/2"	
	6	" "	3/8"	
	2	" "	1/4"	
	1	" " Ells	2"	
	2	" " "	1-1/2"	
	2	" " "	1-1/4"	
	3	" " "	1"	
	4	" " "	3/4"	
	5	" " "	1/2"	
	5	" " "	3/8"	
	6	" " "	1/4"	
	1	" " " 45°	1-1/4"	
	1	" " " "	1"	
	2	" " " "	3/4"	
	2	" " " "	1/2"	
	2	" " " "	3/8"	
	2	" " " "	1/4"	
	1	" Tees	2"	
	1	" "	1-1/2"	
	1	" "	1-1/4"	
	1	" "	1"	
	1	" "	3/4"	
	3	" "	1/2"	
	3	" "	3/8"	
	1	" "	1/4"	
	2	Couplings	2"	
	2	"	1-1/2"	
	2	"	1-1/4"	
	2	"	1"	
	3	"	3/4"	
	3	"	1/2"	
	6	"	3/8"	
	4	"	1/4"	
	1	Street Ell	3/8"	
	1	" " 45°	1/4"	

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN J. Polinski DEPT. #11 DATE Sept. 15, 19 47

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR Republic of Poland R. R. CONSTRUCTION No. 1200

FOR F.W.H. EQUIPPED LOCOS. ONLY #11 to #20 Incl. No. ENGINES ON ORDER 20

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
	16'	W.H. W.I. Pipe	4"	ENGINE
	15'	" " "	2-1/2"	
288	~~200'~~	" " "	2"	
	130'	" " "	1-1/2"	
336	~~330'~~	" " "	1-1/4"	
253	~~198'~~	" " "	1"	
155	~~140'~~	" " "	3/4"	
144	120'	" " "	1/2"	
192	~~190'~~	" " "	3/8"	
92	~~90'~~	" " "	1/4"	
	65'	Steel Pipe - Std. Wt.	1"	
	50	Conduit	1"	
	200'	Templete - Pipe	1/4"	1 engine
	95'	Copper Pipe	2-1/4"	
	5'	" "	1"	
	48'	" "	3/4"	
	30'	" "	5/8"	
	80'	" "	1/2"	
	760'	" "	3/8"	
	1	Straight Tees	2"	
	1	" "	1-1/4"	
	2	" "	1"	
	2	" "	3/4"	
	3	" "	1/2"	
	6	" "	3/8"	
	2	" "	1/4"	
	1	Reducing "	1½" x 1¼" x 1"	
	1	" "	1½" x 1" x 1"	
	1	" "	1¼" x 1¼" x 1½"	
	2	" "	1¼" x 1¼" x 1/2"	
	2	" "	1" x 1" x 3/4"	
	1	" "	1" x 1" x 1/4"	
	2	" "	3/4" x 3/4" x 3/8"	
	1	" "	3/4" x 3/8" x 3/8"	
	1	" "	3/4" x 1/2" x 1/4"	
	1	" Ells	2" x 1½"	
	1	" "	2" x 1"	
	1	" "	1¼" x 1"	
	1	" "	1" x 3/4"	
	2	" "	3/4" x 1/2"	
	1	" "	1/2" x 3/8"	
	6	" "	3/8" x 1/4"	
	2	Reducing Bushings	1-1/2" x 1"	
	2	" "	1-1/4" x 1"	
	2	" "	1" x 3/4"	
	2	" "	1" x 1/2"	

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN J. Polinski DEPT. #11 DATE Sept. 15, 19 47

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR Republic of Poland R. R. CONSTRUCTION No. 1200

FOR F.W.H. EQUIPPED LOCOS. ONLY #11 to #20 Incl. No. ENGINES ON ORDER 20

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
	1	Reducing Bushings	1" x 3/8" ✓	ENGINE
	4	" "	3/4" x 1/2" ✓	
	4	" "	3/4" x 3/8" ✓	
	2	" "	1/2" x 3/8" ✓	
	2	" "	1/2" x 1/4" ✓	
	8	" "	3/8" x 1/4" ✓	
	1	" Couplings	1½" x 3/4"	
	1	" "	1" x 3/4" ✓	
	1	" "	3/4" x 1/2" ✓	
	1	" "	1/2" x 3/8" ✓	
	2	" "	3/8" x 1/4" ✓	
	2	Nipples	2" x 6"	
	2	"	2" x 5"	
	2	"	2" x 4"	
	2	"	2" x 3"	
	4	"	2" x 2"	
	2	"	1-1/2" x 6"	
	2	"	1-1/2" x 4"	
	2	"	1-1/2" x 3"	
	4	"	1-1/2" x 2"	
	2	"	1-1/4" x 6"	
	2	"	1-1/4" x 5"	
	2	"	1-1/4" x 4"	
	3	"	1-1/4" x 2"	
	3	"	1-1/4" x 1-3/4"	
	4	"	1" x 6"	
	2	"	1" x 5"	
	4	"	1" x 4"	
	4	"	1" x 3"	
	5	"	1" x 2"	
	5	"	1" x 1½"	
	4	"	3/4" x 6"	
	2	"	3/4" x 5"	
	4	"	3/4" x 4"	
	4	"	3/4" x 3"	
	5	"	3/4" x 2"	
	10	"	3/4" x 1½"	
	3	"	1/2" x 6"	
	2	"	1/2" x 5"	
	4	"	1/2" x 4"	
	4	"	1/2" x 3"	
	6	"	1/2" x 2"	
	6	"	1/2" x 1-1/2"	
	8	"	1/2" x 1"	
	4	"	3/8" x 7"	
	4	"	3/8" x 6"	

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN John Polinski DEPT. #11 DATE Sept. 16, 1947

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR Republic of Poland R. R. CONSTRUCTION No. 1200

FOR F.W.H. EQUIPPED LOCOS. ONLY #11 to #20 Incl. No. ENGINES ON ORDER 20

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
	4	Nipples	3/8" x 5"	ENGINES
	6	"	3/8" x 4"	
	8	"	3/8" x 3"	
	10	"	3/8" x 2"	
	12	"	3/8" x 1-1/2"	
	10	"	3/8" x 1"	
	2	"	1/4" x 7"	
	2	"	1/4" x 6"	
	2	"	1/4" x 5"	
	4	"	1/4" x 4"	
	6	"	1/4" x 3"	
	6	"	1/4" x 2"	
	8	"	1/4" x 1-1/2"	
	10	"	1/4" x 1"	
	2	Pet Cocks	1/2"	
	2	" "	3/8"	
	1	" "	1/4"	
	1	"S" Hook		

Copy - Mr. A. J. Townsend
Mr. W. E. Faber
Mr. D. A. Ashton

Mr. John Polinski
File

LIMA-HAMILTON CORPORATION
FORMERLY

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN John Polinski PIPE DEPT. #11 DATE October 10, 1949

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR REPUBLIC OF POLAND R. R. CONSTRUCTION No. 1200

ENGINES WITHOUT F.W.H. #1 to #10 No. ENGINES ON ORDER

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
✓	2	Caps	1"	ENGINE
✓	2	"	3/4"	
	2	"	1/2"	
	2	"	3/8"	
	1	Elbows	4"	
	2	"	2-1/2"	
	4	"	2"	
	3	"	1-1/2"	
	6	"	1-1/4"	
	10	"	1"	
	6	"	3/4"	
	5	"	1/2"	
	14	"	3/8"	
	7	"	1/4"	
	2	" 45°	2-1/2"	
	1	" "	2"	
	1	" "	3/4"	
	1	" "	1/2"	
	1	" "	3/8"	
	1	" "	1/4"	
	2	Plugs	2"	
	1	"	1-1/2"	
	1	"	1-1/4"	
	2	"	1"	
	2	"	3/4"	
	2	"	1/2"	
	2	"	3/8"	
	2	"	1/4"	
	1	Stud Unions	2" x 1-1/4"	
	6	Unions	2"	
	2	"	1-1/2"	
	14	"	1-1/4"	
	9	"	1"	
	5	"	3/4"	
	4	"	1/2"	
	6	"	3/8"	
	2	"	1/4"	
	5	" Ells	2"	
	3	" "	1-1/2"	
	5	" "	1-1/4"	
	7	" "	1"	
	4	" "	3/4"	
	4	" "	1/2"	
	10	" "	3/8"	
	8	" "	1/4"	

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN John Polinski PIPE DEPT. #11 DATE Oct. 10, 19 47

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR REPUBLIC OF POLAND R. R. CONSTRUCTION No. 1200

ENGINES WITHOUT F.W.H. #1 to #10 No. ENGINES ON ORDER

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
	2	Union Ells 45°	2"	ENGINE
	2	" " "	1-1/2"	
	2	" " "	1-1/4"	
	2	" " "	1"	
	3	" " "	3/4"	
	3	" " "	1/2"	
	2	" " "	3/8"	
	2	" " "	1/4"	
	1	" Nipples	2"	
	1	" "	1-1/2"	
	11	" "	1-1/4"	
	3	" "	1"	
	3	" "	3/4"	
	3	" "	1/2"	
	6	" "	3/8"	
	2	" "	1/4"	
	1	" " ells	2"	
	2	" " "	1-1/2"	
	2	" " "	1-1/4"	
	3	" " "	1"	
	3	" " "	3/4"	
	4	" " "	1/2"	
	5	" " "	3/8"	
	6	" " "	1/4"	
	1	" " " 45°	1-1/4"	
	1	" " " "	1"	
	2	" " " "	3/4"	
	2	" " " "	1/2"	
	2	" " " "	3/8"	
	2	" " " "	1/4"	
	1	" Tees	2"	
	1	" "	1-1/2"	
	1	" "	1-1/4"	
	1	" "	1"	
	1	" "	3/4"	
	2	" "	1/2"	
	3	" "	3/8"	
	1	" "	1/4"	
	2	Couplings	2"	
	2	"	1-1/2"	
	2	"	1-1/4"	
	2	"	1"	
	2	"	3/4"	
	3	"	1/2"	
	6	"	3/8"	
	4	"	1/4"	

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN J. Polinski PIPE DEPT. #11 DATE Oct. 10, 1947

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR REPUBLIC OF POLAND R. R. CONSTRUCTION No. 1200

ENGINES WITHOUT F.W.H. #1 to #10 No. ENGINES ON ORDER

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
	1	Street Ells	3/8"	ENGINE
	1	" " 45°	1-1/4"	
	1	" " "	1/4"	
	16'	E.H. W.I. Pipe	4"	
	3'	" " "	2-1/2"	
	126'	" " "	2"	
	100'	" " "	1-1/2"	
	278'	" " "	1-1/4"	
	190'	" " "	1"	
	35'	" " "	3/4"	
	75'	" " "	1/2"	
	160'	" " "	3/8"	
	80'	" " "	1/4"	
	65'	Steel Pipe - Std. Wt.	1"	
	50'	Conduit	1"	
	140'	Copper Pipe	2-1/4"	
	5'	" "	1"	
	48'	" "	3/4"	
	30'	" "	5/8"	
	86'	" "	1/2"	
	750'	" "	3/8"	
	1	Straight Tees	2"	
	1	" "	1-1/4"	
	2	" "	1"	
	1	" "	3/4"	
	2	" "	1/2"	
	6	" "	3/8"	
	2	" "	1/4"	
	1	Reducing "	1-1/4" x 1-1/4" x 1-1/2"	
	2	" "	1-1/4" x 1-1/4" x 1/2"	
	1	" "	1" x 1" x 3/4"	
	1	" "	1" x 1" x 1/4"	
	2	" "	3/4" x 3/4" x 3/8"	
	1	" "	3/4" x 3/8" x 3/8"	
	1	" "	3/4" x 1/4" x 1/4"	
	1	" Ells	2" x 1-1/2"	
	1	" "	2" x 1"	
	1	" "	1-1/4" x 1"	
	1	" "	1" x 3/4"	
	2	" "	3/4" x 1/2"	
	1	" "	1/2" x 3/8"	
	6	" "	3/8" x 1/4"	
	1	" Bushings	1-1/2" x 1"	
	2	" "	1-1/4" x 1"	
	2	" "	1" x 3/4"	
	2	" "	1" x 1/2"	

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN J. Polinski PIPE DEPT. #11 DATE October 10, 1947

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR REPUBLIC OF POLAND R. R. CONSTRUCTION No. 1200

ENGS. WITHOUT F.W.H. #1 to #10 No. ENGINES ON ORDER

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
	1	Reducing Bushings	1" x 3/8"	
	4	" "	3/4" x 1/2"	
	4	" "	3/4" x 3/8"	
	2	" "	1/2" x 3/8"	
	2	" "	1/2" x 1/4"	
	8	" "	3/8" x 1/4"	
	2	" Couplings	1-1/2" x 3/4"	
	1	" "	1" x 3/4"	
	1	" "	3/4" x 1/2"	
	1	" "	1/2" x 3/8"	
	2	" "	3/8" x 1/4"	
	2	Nipples	2" x 6"	
	1	"	2" x 5"	
	1	"	2" x 4"	
	1	"	2" x 3"	
	3	"	2" x 2"	
	1	"	1-1/2" x 6"	
	1	"	1-1/2" x 4"	
	1	"	1-1/2" x 3"	
	3	"	1-1/2" x 2"	
	2	"	1-1/4" x 6"	
	2	"	1-1/4" x 5"	
	2	"	1-1/4" x 4"	
	3	"	1-1/4" x 3"	
	3	"	1-1/4" x 2"	
	4	"	1" x 6"	
	2	"	1" x 5"	
	4	"	1" x 4"	
	4	"	1" x 3"	
	5	"	1" x 2"	
	4	"	1" x 1-1/2"	
	4	"	3/4" x 6"	
	2	"	3/4" x 5"	
	4	"	3/4" x 4"	
	4	"	3/4" x 3"	
	5	"	3/4" x 2"	
	10	"	3/4" x 1-1/2"	
	3	"	1/2" x 6"	
	2	"	1/2" x 5"	
	4	"	1/2" x 4"	
	4	"	1/2" x 3"	
	6	"	1/2" x 2"	
	6	"	1/2" x 1-1/2"	
	8	"	1/2" x 1"	
	4	"	3/8" x 7"	
	4	"	3/8" x 6"	

Form AD-247-Y

LIMA LOCOMOTIVE WORKS, INCORPORATED

FOREMAN J. Polinski PIPE DEPT. #11 DATE October 10, 1947

FURNISH REPORTS OF MATERIAL USED IN YOUR DEPARTMENT ON ENGINE No. 1

CLASS ENGINE 2-10-0 FOR REPUBLIC OF POLAND R. R. CONSTRUCTION No. 1200

ENGS. WITHOUT F.W.H. #1 to #10 No. ENGINES ON ORDER

Quantity	UNIT	KIND OF MATERIAL	Pattern-Sketch or Dimensions	TO BE USED FOR
	4	Nipples	3/8" x 5"	ENGINE
	6	"	3/8" x 4"	
	8	"	3/8" x 3"	
	10	"	3/8" x 2"	
	12	"	3/8" x 1-1/2"	
	10	"	3/8" x 1"	
	2	"	1/4" x 7"	
	2	"	1/4" x 6"	
	2	"	1/4" x 5"	
	4	"	1/4" x 4"	
	6	"	1/4" x 3"	
	6	"	1/4" x 2"	
	8	"	1/4" x 1-1/2"	
	10	"	1/4" x 1"	
	490'	Pipe Covering	3/8"	
	30'	" "	1/2"	
	2	Pet Cocks	1/2"	
	2	" "	3/8"	
	2	" "	1/4"	
	1	"S" Hook		

Copies - Mr. A. J. Townsend
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Mr. D. A. Ashton
Mr. J. Polinski
File